CLASSES START APRIL 8
APPLY & REGISTER ONLINE
WWW.FOOTHILL.EDU

Priority Registration for
DSPS, EOPS, VETS,
FOSTER YOUTH
March 6 – April 7

Continuing Students Registration
March 11 – April 7

New or Returning Students Registration
March 15 – April 7
How to Read Course Listings

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COIN 61</td>
<td>PUBLISHING ON THE WEB USING HTML/XHTML</td>
<td>5</td>
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</tbody>
</table>

Advisory: CIS 50A or equivalent and COIN 51.

3 hours lecture, 4 hours laboratory.

May be taken 3 times for credit.

Introduction to electronic publishing on the Web using HTML and XHTML. Students will produce a multi-page Web site with image, text, and links; tables, frames, forms and simple multimedia. Uploading and modifying documents to a web server, interacting with a client, and planning, designing, testing and maintaining a Web site will also be emphasized. This course is based on knowledge of navigating the Internet and browsing the Web.

<table>
<thead>
<tr>
<th>CRN 0812 COIN-061.-01</th>
<th>LEC 6:00PM–9:50PM T</th>
<th>YOUNG P</th>
<th>4004</th>
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<tr>
<td></td>
<td>LAB TBA TBA TBA YOUNG P</td>
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COIN-061.-01: Course fee, $4. Some course meetings may be held online.

<table>
<thead>
<tr>
<th>CRN 0813 COIN-061.-07W</th>
<th>LEC TBA TBA WATKINS</th>
<th>ONLINE</th>
</tr>
</thead>
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COIN-061.-07W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga for information on how to begin.

In general:

- Courses numbered 1–49 transfer to the University of California. Some exceptions apply. Always consult or review the Foothill College/UC Transferable Course list at www.assist.org;
- Courses numbered 1–99 transfer to the California State University;
- Courses numbered 100 and above are not university transferable;
- All courses numbered 200 and above are non-degree applicable;
- Content credit may be allowed for some courses at the discretion of the transfer university; and
- When in doubt about the applicability or transferability of a course, always consult a counselor.

Textbook Affordability & Accessibility Options

Foothill College recognizes that textbook affordability directly impacts student access and successful learning. Learn about the numerous consumer options for students, including a wide selection of used textbooks, textbook rentals, e-books and textbook buyback at books.foothill.edu. Additional resources include textbooks that have been placed on reserve in the college library as well as a student-run book exchange.

Textbook information, including price and the International Standard Book Number (ISBN) is included in the college’s online schedule of classes at www.foothill.fhda.edu/schedule/schedule.php as well as on the website for the college’s bookstore at books.foothill.edu/home.aspx. Foothill College makes every reasonable effort to determine that the textbook information listed in the college’s online schedule is accurate. However, textbook editions and ISBNs are subject to change without notice by either the instructor or publisher. The Foothill College Bookstore is not responsible for subsequent textbook changes if the student purchases them from another source. Review the online schedule at www.foothill.fhda.edu/schedule/schedule.php.

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ACCOUNTING

Business & Social Sciences  (650) 949-7322  www.foothill.edu/bss/

Seven accounting certificates of completion are offered. For more information, access www.foothill.edu/bss.

ACTG 1A  FINANCIAL ACCOUNTING I  5 Units
Advisory: Eligibility for MATH 220 and ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

Introduction to accounting information systems for decision making. Original entry and posting, adjusting and closing entries, development of accounting system for computers, internal controls over assets, accounting for monetary assets and inventories, and the relationship among financial statements.

40036  ACTG-001A-01Y  LEC08:00 AM-09:50 AM  MW  SEYEDIN, SARA 3201
LEC  TBA  TBA  DRAKE, LISA  ONLINE
ACTG-001A-01Y: Hybrid class; one weekly TBA hour via online instruction.

40106  ACTG-001A-02Y  LEC10:00 AM-11:50 AM  TTh  SEYEDIN, SARA 3201
LEC  TBA  TBA  DRAKE, LISA  ONLINE
ACTG-001A-02Y: Hybrid class; one weekly TBA hour via online instruction.

40109  ACTG-001A-03Y  LEC08:00 AM-09:50 AM  MW  SEYEDIN, SARA 3201
LEC  TBA  TBA  DRAKE, LISA  ONLINE
ACTG-001A-03Y: Hybrid class; one weekly TBA hour via online instruction.

40037  ACTG-001A-04Y  LEC  TBA  TBA  SEYEDIN, SARA 3201
ACTG-001A-04Y, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

40038  ACTG-001A-05Y  LEC  TBA  TBA  SEYEDIN, SARA 3201
ACTG-001A-05Y, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

40039  ACTG-001A-06Y  LEC  TBA  TBA  SEYEDIN, SARA 3201
ACTG-001A-06Y, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

40472  ACTG-001A-09  LEC  6:00 PM-08:15 PM  TTh  PONLEITHNER, PAUL 3201

ACTG 1B  FINANCIAL ACCOUNTING II  5 Units
Prerequisite: ACTG 1A.
Advisory: Eligibility for MATH 220 and ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

Continuing study of accounting information system for decision making. Fixed assets and intangible assets, current liabilities, corporations, bonds, investments, statement of cash flows and financial statement analysis.

40110  ACTG-001B-01Y  LEC10:00 AM-11:50 AM  TTh  DRAKE, LISA 3201
LEC  TBA  TBA  DRAKE, LISA  ONLINE
ACTG-001B-01Y: Hybrid class; one weekly TBA hour via online instruction.

40040  ACTG-001B-02Y  LEC  TBA  TBA  SEYEDIN, SARA 3201
ACTG-001B-02Y, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

40111  ACTG-001B-03Y  LEC10:00 AM-11:50 AM  MW  PONLEITHNER, PAUL 3201
LEC  TBA  TBA  DRAKE, LISA  ONLINE
ACTG-001B-03Y: Hybrid class; one weekly TBA hour via online instruction.

40041  ACTG-001B-04Y  LEC  TBA  TBA  SEYEDIN, SARA 3201
ACTG-001B-04Y, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

41420  ACTG-001B-05Y  LEC  TBA  TBA  TBA 201
ACTG-001B-05Y, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

ACTG 1C  MANAGERIAL ACCOUNTING  5 Units
Prerequisite: ACTG 1A.
Advisory: MATH 10 or high school algebra.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

Study of accounting information system for internal uses. Process costing, job-order costing, activity-based costing, cost behavior and cost-volume profit analysis, budgeting, performance evaluation, and capital investment analysis.

40112  ACTG-001C-01Y  LEC10:00 AM-11:50 AM  TTh  SEYEDIN, SARA 3201
LEC  TBA  TBA  SEYEDIN, SARA  ONLINE
ACTG-001C-01Y: Hybrid class; one weekly TBA hour via online instruction.

40113  ACTG-001C-02Y  LEC10:00 AM-11:50 AM  AM  DRAKE, LISA 3201
LEC  TBA  TBA  DRAKE, LISA  ONLINE
ACTG-001C-02Y: Hybrid class; one weekly TBA hour via online instruction.

40879  ACTG-001C-03  LEC01:00 PM-03:15 PM  TTh  SEYEDIN, SARA 3201
LEC  TBA  TBA  SEYEDIN, SARA  ONLINE
ACTG-001C-03, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

40042  ACTG-001C-04Y  LEC  TBA  TBA  NAZA, JOSE  ONLINE
ACTG-001C-04Y, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

41437  ACTG-001C-05W  LEC  TBA  TBA  NAZA, JOSE  ONLINE
ACTG-001C-05W, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

41464  ACTG-001C-06Y  LEC06:00 PM-08:50 PM  MW  DRAKE, LISA 3201
LEC  TBA  TBA  DRAKE, LISA  ONLINE

ACTG 51B  INTERMEDIATE ACCOUNTING II  4 Units
Prerequisite: ACTG 51A.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Accounting for PP&E, intangible assets, current liabilities, long-term liabilities, and equity.

41384  ACTG-051B-01W  LEC  TBA  TBA  FAKOOR, FARIMA 3201
ACTG-051B-01W, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

41488  ACTG-051B-02W  LEC  TBA  TBA  FAKOOR, FARIMA 3201
ACTG-051B-02W, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

ACTG 51C  INTERMEDIATE ACCOUNTING III  4 Units
Prerequisites: ACTG 51B.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.

Accounting for Investments, Income Taxes, Pensions and Post-retirement Benefits, Leases, and Accounting Changes and Error Analysis; also covered, the Cash Flows Statement, and Full Disclosure in Financial Reporting.

40043  ACTG-051C-01W  LEC  TBA  TBA  CERVANTES, RENE 3201
ACTG-051C-01W, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

ACTG 58  AUDITING  5 Units
Prerequisite: ACTG 51A.
Advisory: Eligibility for MATH 220 and ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

Study of the contemporary auditing environment, auditing profession, and the principle, and practices of financial statement audit. Topics include auditing, attestation and assurance services, Generally Accepted Auditing Standards (GAAS), attestation standards, professional ethics, Sarbanes-Oxley Act 2002 regulatory requirements, internal controls and audit risk, audit planning, procedures, evidence, documentation and report writing.

40080  ACTG-058-01W  LEC  TBA  TBA  BOWMAN, SEAN 3201
ACTG-058-01W, Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

ACTG 59  FRAUD EXAMINATION  5 Units
Prerequisite: ACTG 51A.
Advisory: Eligibility for MATH 220 and ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

This course covers important topics associated with modern forensic accounting and fraud examination. Topics include an examination of the various types of occupational fraud, as well as the techniques to prevent and detect fraud in organizations. In addition, students will learn principals of fraud examination including who and why individuals commit fraud.

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www.foothill.edu  Foothill College • Spring Quarter 2013
### Spring Quarter 2013 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
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<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>TBA</td>
<td>BOWMANSEAN</td>
<td>ONLINE</td>
</tr>
</tbody>
</table>

**ACTG 60**  
**Accounting for Small Business**  
Advisory: Eligibility for MATH 220 and ESL 26.  
5 hours lecture. (60 total hours per quarter.)  
Not Repeatable.

Pre-professional accounting course introducing the theory of double-entry bookkeeping accounting. Emphasis on basic accounting cycle, elementary accounting principles and procedures, and financial records.

**ACTG 64A**  
**Computerized Accounting Practice Using Quickbooks**  
Prerequisite: ACTG 1A or equivalent experience.  
Advisory: Not open to students with credit in CIS 64A.  
4 hours lecture—laboratory. (48 total hours per quarter.)  
Not Repeatable.

Focus on using QuickBooks to record financial data. Reviewing the accounting cycle, processing business transactions and preparing financial statements.

**ACTG 65**  
**Payroll & Business Tax Accounting**  
Prerequisite: ACTG 1A.  
Advisory: Eligibility for MATH 220 and ESL 26.  
4 hours lecture. (48 total hours per quarter.)  
May be taken three times for credit.

Presentation of basic payroll procedures used in business today. Provides practice in recording procedures and preparation of tax returns.

**ACTG 66**  
**Cost Accounting**  
Prerequisite: ACTG 1C or equivalent experience.  
Advisory: Eligibility for MATH 220 and ESL 26.  
5 hours lecture. (60 total hours per quarter.)  
May be taken three times for credit.

Study of governmental and not-for-profit accounting. Topics include financial reporting; federal, state and local government accounting; budgetary accounting; general and special revenue funds; proprietary funds; trust and agency funds; fixed assets and long term debt; and nonprofit accounting for entities such as public colleges, universities and health care providers.

**ACTG 67**  
**Tax Accounting**  
Advisory: Eligibility for MATH 220 and ESL 26.  
5 hours lecture. (60 total hours per quarter.)  
May be taken three times for credit.

Current Federal and California Income Tax Law as it relates to individuals, emphasizing practical application, tax planning and tax form preparation.

**ACTG 75**  
**Accounting for Government & Not-For-Profit**  
Prerequisite: ACTG 1B.  
Advisory: Eligibility for MATH 220 and ESL 26.  
5 hours lecture. (60 total hours per quarter.)  
Not Repeatable.

Study of governmental and not-for-profit accounting. Topics include financial reporting; federal, state and local government accounting; budgetary accounting; general and special revenue funds; proprietary funds; trust and agency funds; fixed assets and long term debt; and nonprofit accounting for entities such as public colleges, universities and health care providers.
ALLIED HEALTH SCIENCES

Biological & Health Sciences  (650) 949-7249  www.foothill.edu/bio/

AHS 200  ORIENTATION TO HEALTH CAREERS  3 Units
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.
Orientation to Foothill College health care programs preparing students to differentiate among the health care professions and to enter the profession of their choice. Defining the American health care system. Discussion of professionalism, ethics, legal issues, death and dying, medical terminology, infection control, governmental regulations, cultural diversity, and academic skills, related to allied health careers.

AHS 200-01  LEC  3:00 PM-5:00 PM  WED  O'LOUGHLIN, RITA  2506

ALAP 62X  POSTURAL FITNESS FOR THE DISABLED  1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Exercises for improving body mechanics for those with muscle-skeletal impairments. Body mechanics and lumbar spine stabilization. Enrollment is limited to six times within the ALAP 62 group.

ALAP 63X  ADAPTIVE LEARNING: COMPUTER ACCESS  1 Unit
See also Special Education for classes associated with disability-related careers.

ALAP 61X  RESISTIVE EXERCISE FOR THE DISABLED  1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Designed to instruct students in methodologies for increasing muscular strength. Uses free weights, weight machines, as appropriate. Teaches skills necessary to prepare students for mainstreamed physical education.

ALAP 62X  INDIVIDUALIZED EXERCISE FOR THE DISABLED  1 Unit
3 hours laboratory. (36 total hours per quarter.)
Cardiovascular endurance, muscular endurance and strength, flexibility, balance and coordination activities, motor skills, as appropriate. Emphasis on adapting and developing an exercise program to meet individual needs and goals.

ADAPTIVE PHYSICAL EDUCATION

Kinesiology & Athletics  (650) 949-7017  www.foothill.edu/ath/

See also Special Education for classes associated with disability-related careers.

ALAP 60X  GENERAL CONDITIONING FOR THE DISABLED  1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Personal instruction in exercise programs to develop a comprehensive exercise program based on physical abilities and individual goals. Cardiovascular endurance, flexibility, muscular strength and endurance, balance and/or motor skills, as appropriate.

ALAP 60X-01  LEC  9:00 AM-10:00 AM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-02  LEC  10:00 AM-11:00 AM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-03  LEC  11:00 AM-12:00 PM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-04  LEC  12:00 PM-1:00 PM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-05  LEC  1:00 PM-2:00 PM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-06  LEC  2:00 PM-3:00 PM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-07  LEC  3:00 PM-4:00 PM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-08  LEC  4:00 PM-5:00 PM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-09  LEC  5:00 PM-6:00 PM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-10  LEC  6:00 PM-7:00 PM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-11  LEC  7:00 PM-8:00 PM  WED  AUSTIN, KATHLEEN  3015

ALAP 60X-12  LEC  8:00 PM-9:00 PM  WED  AUSTIN, KATHLEEN  3015

Adaptive Learning: Computer Access Center

Adaptive Learning  (650) 949-7017  www.foothill.edu/al/

See also Special Education for classes associated with disability-related careers.

ALCA 201  COMPUTER ACCESS EVALUATION  1 Unit
Formerly: ALCA 101
Prerequisite: Medically verified disability or access limitation.
Advisory: Not open to students with credit in ALCA 101.
3 hours laboratory. (36 total hours per quarter.)
Not Repeatable.
This is a survey course designed to provide students with an overview of current assistive technologies including Dragon Naturally Speaking, Kurzweil, Inspiration etc. Course content includes an evaluation of technology needs, tutorials, and hands-on practice for various software and hardware.

ALCA201.01: Students must attend an orientation meeting from noon-1:00pm on the second Wednesday of the quarter in Room 5710.

ALAP 065X  INDIVIDUALIZED EXERCISE FOR THE DISABLED  1 Unit
3 hours laboratory. (36 total hours per quarter.)
Cardiovascular endurance, muscular endurance and strength, flexibility, balance and coordination activities, motor skills, as appropriate. Emphasis on adapting and developing an exercise program to meet individual needs and goals.

ADAPTIVE LEARNING: COMMUNITY BASED

Adaptive Learning  (650) 949-7017  www.foothill.edu/al/

Non-credit courses for older disabled adults are offered at the following community sites:
Avenidas, Bridgepoint at Los Altos, Casa Olga, Channing House, Chateau Cupertino, East Palo Alto Senior Center, Fair Oaks Senior Center, Forum, Ladera Recreation, Lytton Gardens, Mt. View Senior Center, Next Step Program, Onetta Harris, Palo Alto

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### SPRING QUARTER 2013 COURSES

<table>
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<tr>
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<td>41003 ALCB-222.-01 L-L</td>
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- www.foothill.edu
### CREATIVE WRITING
**RELAXATION TECHNIQUES** 0 Units
Prerequisite: Medically verified disability.
18 hours total. (18 total hours per quarter.)
Unlimited Repeatability.
Designed for the disabled student to acquire information about and develop techniques for achieving relaxation by releasing mental and physical tension.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>4101</td>
<td>ALCB-413X-01</td>
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<td>Th</td>
<td>CHU, CYNTHIA</td>
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<td>4101</td>
<td>ALCB-413X-02</td>
<td>LAB01:00 PM-02:15 PM M</td>
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<td>CROFT, JUANITA</td>
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</tr>
<tr>
<td>4102</td>
<td>ALCB-413X-03</td>
<td>LAB11:00 AM-12:15 PM T</td>
<td>T</td>
<td>O’LOUGHLIN, NITA</td>
<td>FO</td>
</tr>
<tr>
<td>4103</td>
<td>ALCB-413X-04</td>
<td>LAB10:30 AM-11:45 AM W</td>
<td>W</td>
<td>CHU, CYNTHIA</td>
<td>LYT 2</td>
</tr>
<tr>
<td>4104</td>
<td>ALCB-413X-05</td>
<td>LAB11:00 AM-12:15 PM T</td>
<td>T</td>
<td>VEGA, LYNNETTE</td>
<td>SDHP</td>
</tr>
<tr>
<td>4105</td>
<td>ALCB-413X-06</td>
<td>LAB12:30 PM-01:45 PM T</td>
<td>T</td>
<td>O’LOUGHLIN, NITA</td>
<td>BP</td>
</tr>
</tbody>
</table>

### MUSIC & MOVEMENT
**ANALYSIS OF CURRENT EVENTS** 0 Units
Designed for the disabled student to provide directed experiences in self-expression.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4065</td>
<td>ALCB-415Y-01</td>
<td>LAB10:00 AM-11:40 AM T</td>
<td>T</td>
<td>ROCK, LORRAINE</td>
<td>EPSC</td>
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<tr>
<td>4066</td>
<td>ALCB-415Y-02</td>
<td>LAB10:30 AM-12:30 PM M</td>
<td>M</td>
<td>MARRIOTT, DONA</td>
<td>AVSC</td>
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<tr>
<td>4016</td>
<td>ALCB-415Y-04</td>
<td>LAB10:15 AM-11:15 AM T T</td>
<td>Th</td>
<td>AMBROSE, JUNE</td>
<td>SVSC</td>
</tr>
<tr>
<td>4017</td>
<td>ALCB-415Y-05</td>
<td>LAB03:30 PM-04:30 PM T</td>
<td>T</td>
<td>VEGA, LYNNETTE</td>
<td>TLA</td>
</tr>
</tbody>
</table>

### STRESS MANAGEMENT
**0 Units**
Prerequisite: Medically verified disability.
24 hours total. (24 total hours per quarter.)
Unlimited Repeatability.
Designed for the disabled student to recognize stress symptoms and become aware of signals which cause triggers in stress. Learn stress management skills from passive to active take-charge role.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>4018</td>
<td>ALCB-414Y-01</td>
<td>LAB 02:30 PM-04:20 PM M</td>
<td>M</td>
<td>ROCK, LORRAINE</td>
<td>EPSC</td>
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<tr>
<td>4019</td>
<td>ALCB-414Y-02</td>
<td>LAB10:30 AM-12:30 PM M</td>
<td>M</td>
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<td>AVSC</td>
</tr>
<tr>
<td>4020</td>
<td>ALCB-414Y-03</td>
<td>LAB09:00 AM-10:00 AM T</td>
<td>T</td>
<td>ROCK, LORRAINE</td>
<td>OH</td>
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<tr>
<td>4010</td>
<td>ALCB-414Y-04</td>
<td>LAB08:00 AM-09:50 AM Th</td>
<td>Th</td>
<td>ROCK, LORRAINE</td>
<td>OH</td>
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</table>

### DRAWING & PAINTING
**0 Units**
Prerequisite: Medically verified disability.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4066</td>
<td>ALCB-421Y</td>
<td>LAB06:00 PM-07:50 PMTh</td>
<td>Th</td>
<td>AMBROSE, JUNE</td>
<td>ASL</td>
</tr>
<tr>
<td>4067</td>
<td>ALCB-421Y-01</td>
<td>LAB08:00 AM-11:50 AM M</td>
<td>M</td>
<td>BARBER, KRISTA</td>
<td>ASL</td>
</tr>
<tr>
<td>4068</td>
<td>ALCB-421Y-02</td>
<td>LAB10:00 AM-11:50 AM M</td>
<td>M</td>
<td>BARBER, KRISTA</td>
<td>ASL</td>
</tr>
<tr>
<td>4069</td>
<td>ALCB-421Y-03</td>
<td>LAB12:00 PM-02:00 PM M</td>
<td>M</td>
<td>BARBER, KRISTA</td>
<td>ASL</td>
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</tbody>
</table>

### Analyzing and Presenting Ungraded Course Credits

#### 24 hours total. (24 total hours per quarter.)
Unlimited Repeatability.
Designed for the disabled student to improve expressive capability, manipulatory skills and eye-hand coordination, increase self-esteem and increase social interaction through the use of painting, drawing and sketching materials, tools, and techniques to create two-dimensional art in a group setting.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>4106</td>
<td>ALCB-425Y-01</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
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<td>4107</td>
<td>ALCB-425Y-02</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
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<tr>
<td>4108</td>
<td>ALCB-425Y-03</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
<td>ASL</td>
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<tr>
<td>4109</td>
<td>ALCB-425Y-04</td>
<td>LAB10:00 AM-12:00 PM</td>
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<td>4110</td>
<td>ALCB-425Y-05</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
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</table>

### Communications

#### Analyzing and Presenting Ungraded Course Credits

#### 24 hours total. (24 total hours per quarter.)
Unlimited Repeatability.
**Prerequisite:** Medically verified disability.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>4067</td>
<td>ALCB-431Y</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
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<tr>
<td>4068</td>
<td>ALCB-431Y-01</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
<td>ASL</td>
</tr>
<tr>
<td>4069</td>
<td>ALCB-431Y-02</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
<td>ASL</td>
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<tr>
<td>4070</td>
<td>ALCB-431Y-03</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
<td>ASL</td>
</tr>
</tbody>
</table>

### Analyzing and Presenting Ungraded Course Credits

#### 24 hours total. (24 total hours per quarter.)
Unlimited Repeatability.
**Prerequisite:** Medically verified disability.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>4071</td>
<td>ALCB-431Y-01</td>
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<td>4072</td>
<td>ALCB-431Y-02</td>
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<tr>
<td>4073</td>
<td>ALCB-431Y-03</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
<td>ASL</td>
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</table>

### Analyzing and Presenting Ungraded Course Credits

#### 24 hours total. (24 total hours per quarter.)
Unlimited Repeatability.
**Prerequisite:** Medically verified disability.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
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<th>Location</th>
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<tr>
<td>4074</td>
<td>ALCB-431Y-01</td>
<td>LAB10:00 AM-12:00 PM</td>
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<td>AMBROSE, JUNE</td>
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<tr>
<td>4075</td>
<td>ALCB-431Y-02</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
<td>ASL</td>
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</tbody>
</table>

### Analyzing and Presenting Ungraded Course Credits

#### 24 hours total. (24 total hours per quarter.)
Unlimited Repeatability.
**Prerequisite:** Medically verified disability.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Activity Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>4076</td>
<td>ALCB-431Y-01</td>
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<tr>
<td>4077</td>
<td>ALCB-431Y-02</td>
<td>LAB10:00 AM-12:00 PM</td>
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<td>ASL</td>
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<tr>
<td>4078</td>
<td>ALCB-431Y-03</td>
<td>LAB10:00 AM-12:00 PM</td>
<td>12</td>
<td>AMBROSE, JUNE</td>
<td>ASL</td>
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</table>
## Spring Quarter 2013 Courses

### Adaptive Learning: Learning Disability

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALCB 465Z</td>
<td>CREATIVE SELF-EXPRESSION</td>
<td>0</td>
<td>40681</td>
<td>ALCB-465Y-01</td>
<td>LAB02:30 PM-04:20 PM</td>
<td>MW</td>
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<tr>
<td>ALCB 465Z</td>
<td>CREATIVE SELF-EXPRESSION</td>
<td>0</td>
<td>40682</td>
<td>ALCB-465Y-02</td>
<td>LAB09:00 AM-10:50 AM</td>
<td>AMT</td>
<td>ITO, SHARON</td>
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### Adaptive Learning: Transition to Work

<table>
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<tr>
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<th>Title</th>
<th>Units</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALTW 208</td>
<td>JOB TRAINING/INTERNSHIP FOR THE DISABLED STUDENT</td>
<td>1.5</td>
<td>40633</td>
<td>ALTW-208.-01</td>
<td>LAB10:00 AM-12:05 PM</td>
<td>TTh</td>
<td>URRUTIA, REBECCA</td>
<td>5402</td>
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</tbody>
</table>

### Anthropology

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>ANTH 1</td>
<td>INTRODUCTION TO PHYSICAL ANTHROPOLOGY</td>
<td>4</td>
<td>40652</td>
<td>ANTH-1.-01</td>
<td>LEC</td>
<td>09:00 AM-10:45 AM</td>
<td>TTh</td>
<td>URRUTIA, REBECCA</td>
<td>5402</td>
</tr>
</tbody>
</table>

#### Notes
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development of new species. Evolutionary processes behind the physical and behavioral development of primates. History of the human lineage by reconstructing the fossil record, using investigations by paleoanthropologists, geologists, biologists, and archaeologists. Relationship between contemporary biology and behavior, facilitating an understanding of the effect of them upon future humankind.

ANTH 1L PHYSICAL ANTHROPOLOGY LABORATORY 1 Unit Corequisite: Completion of, or concurrent enrollment in ANTH 1. 1 hour lecture-laboratory, 2 hours laboratory. (36 total hours per quarter.) Not Repeatable.

Introductory laboratory course focusing on scientific methodology to explore/experiment with topics from Anthropology lecture sections. Topics include Mendelian genetics, population genetics, human variability, forensics, medical anthropology, epidemiology, hominid dietary patterns, non-human primates, primate dental and skeletal anatomy, fossil hominids, chronometric dating, environmental challenges to hominids, environmental impact of hominid behavior, general methodologies utilized in physical anthropological research, and the general study of hominids as bio-culturally adapting animals.

ANTH 2A CULTURAL ANTHROPOLOGY 4 Units 4 hours lecture. (48 total hours per quarter.) Not Repeatable.

Introduction to the study of human culture and the concepts, theories, and methods used in the comparative study of sociocultural systems. Subjects include subsistence, political organization, language, kinship, religion, social inequality, ethnicity, gender, and culture change. Discussion of anthropological perspectives to contemporary issues.

ANTH 3 PREHISTORY: THE SEARCH FOR LOST CIVILIZATIONS 4 Units 4 hours lecture. (48 total hours per quarter.) Not Repeatable.

Survey of world prehistory as reconstructed by archaeologists. Human culture history from Stone Age beginnings to establishment and collapse of the world’s first major civilizations.

Covers societies from Asia and Africa to Europe and the Americas. Introduction to archaeological methods and interpretation. First use of tools, social complexity, urbanization, domestication of plants and animals, and the rise and fall of civilizations.

ANTH 5 MAGIC, SCIENCE & RELIGION 4 Units 4 hours lecture. (48 total hours per quarter.) Not Repeatable.

Explores the ways in which people have attempted to gain mastery over the natural and supernatural worlds beginning with prehistoric times and concluding with modern day society and the contemporary world. Cross-cultural study of the beliefs about the nature of reality, spirituality, death, magic, science and healing.

ANTH 6 INTRODUCTION TO ARCHAEOLOGY 4 Units 4 hours lecture. (48 total hours per quarter.) Not Repeatable.

Introduction to the historical development, theory and techniques of archaeological research and fieldwork. Development of comparative approach to the study of ancient cultures. Focus on cultural resource management, survey and selection of field sites, dating, excavation, artifact classification, interpretation of data and written analysis.

ANTH 8L ARCHAEOLOGY LABORATORY 1 Unit Advisory: Enrollment is limited to six times within the ANTH 8L group; UC transferability is limited to 3 units maximum for ANTH 8L, 8LX & 8LY. 3 hours laboratory for each unit of credit. (36 total hours per quarter.) May be taken six times for credit.

Laboratory methods and techniques of archaeology, including cataloging, care and analysis of artifacts, bone recognition, and archaeological excavation.

ANTH 13 INTRODUCTION TO FORENSIC ANTHROPOLOGY 4 Units Prerequisite: ANTH 1 or BIOL 40A. 4 hours lecture. (48 total hours per quarter.) Not Repeatable.

Introduction to the application of physical anthropology to the medicolegal process and its emphasis on the identification of human skeletal remains. Subjects include basic human osteology and odontology, assessment of age at time of death, sex, ancestry, trauma analysis, pathology, crime scene analysis, animal scavenging, and identification procedures. Focuses on the varying areas in which forensic anthropology is utilized ranging from crime scene investigation, missing person identification, human rights, and humanitarian investigations.

Unless otherwise noted, courses begin April 8 and continue through June 28. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of Feb. 5, 2013. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.
HISTORY OF ART: HISTORY OF WESTERN ART FROM THE PREHISTORIC THROUGH EARLY CHRISTIANITY 4.5 Units

4.5 Units

ART HISTORY OF ART: HISTORY OF WESTERN ART FROM PREHISTORY THROUGH EARLY CHRISTIANITY 4.5 Units

ART HISTORY OF WESTERN ART FROM THE BAROQUE TO POST-IMPRESSIONISM 4.5 Units

ART A HISTORY OF ART: HISTORY OF WESTERN ART FROM PREHISTORY THROUGH EARLY CHRISTIANITY 4.5 Units

ART C HISTORY OF WESTERN ART FROM THE BAROQUE TO POST-IMPRESSIONISM 4.5 Units

ART E A HISTORY OF WOMEN IN ART 4.5 Units

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<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title</th>
<th>Units</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>ART 2F</td>
<td>40912</td>
<td>INTRODUCTION TO ASIAN ART</td>
<td>4.5</td>
<td>LEC</td>
<td>08:00 AM</td>
<td>-</td>
<td>RAGEY, JOSEPH</td>
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<tr>
<td></td>
<td>40913</td>
<td>AMERICAN ART</td>
<td>4.5</td>
<td>LEC</td>
<td>09:00 AM</td>
<td>-</td>
<td>RAGEY, JOSEPH</td>
<td>1602</td>
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<tr>
<td>ART 4A</td>
<td>40914</td>
<td>DRAWING I</td>
<td>4</td>
<td>LEC</td>
<td>08:00 AM</td>
<td>-</td>
<td>LEVITICH, JEFFREY</td>
<td>1602</td>
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<tr>
<td></td>
<td>40915</td>
<td>BASIC TWO-DIMENSIONAL DESIGN</td>
<td>4</td>
<td>LEC</td>
<td>08:00 AM</td>
<td>-</td>
<td>LEVITICH, JEFFREY</td>
<td>1602</td>
</tr>
</tbody>
</table>

Unless otherwise noted, courses begin April 8 and continue through June 28. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fees paid are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of Feb. 5, 2013. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.
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<th>Instructor</th>
<th>Location</th>
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<th>Location</th>
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<tbody>
<tr>
<td>ART 006-02Y</td>
<td>Hybrid class. 3 additional weekly TBA hours via online instruction.</td>
<td>LAB TBA TBA LUM, LINDA ONLINE</td>
<td>3 Units</td>
<td>41327</td>
<td>ART-006-03W LEC TBA TBA LUM, LINDA ONLINE</td>
<td>3 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>TBA TBA</td>
<td>3 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>3 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>3 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>3 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>3 hours lecture-laboratory. (72 total hours per quarter.)</td>
</tr>
<tr>
<td>ART 020B</td>
<td>Hybrid class. 3 additional weekly TBA hours via online instruction.</td>
<td>LAB TBA TBA LUM, LINDA ONLINE</td>
<td>3 Units</td>
<td>40420</td>
<td>ART-020B-02W LEC TBA TBA LUM, LINDA ONLINE</td>
<td>6 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>TBA TBA</td>
<td>6 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>6 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>6 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>6 hours lecture-laboratory. (72 total hours per quarter.)</td>
<td>6 hours lecture-laboratory. (72 total hours per quarter.)</td>
</tr>
<tr>
<td>ART 2AH</td>
<td>Hybrid class. 1.5 additional weekly hours via online instruction. Meets UC/CSU area 3 Arts &amp; Humanities transfer requirements (IGETC) and CSU area C-1 General Education (breadth requirements) and Foothill College General Education Graduation Requirements in Humanities and United States Cultures &amp; Communities for the AS/AS Degree.</td>
<td>LAB TBA TBA PENNINGTON, SIMON ONLINE</td>
<td>4.5 Units</td>
<td>41450</td>
<td>ART-02AH-01Y LEC01:30 PM-03:20 PM MW</td>
<td>4.5 hours laboratory. (54 total hours per quarter.)</td>
<td>TBA TBA</td>
<td>4.5 hours laboratory. (54 total hours per quarter.)</td>
<td>4.5 hours laboratory. (54 total hours per quarter.)</td>
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<td>ART 35X</td>
<td>Not Repeatable.</td>
<td>LAB TBA PENNINGTON, SIMON</td>
<td>1.5 Units</td>
<td>40422</td>
<td>ART-035X-01Q LAB01:30 PM-03:35 PM TTh</td>
<td>May be taken six times for credit.</td>
<td>PENNINGTON, SIMON</td>
<td>4.5 hours laboratory. (54 total hours per quarter.)</td>
<td>4.5 hours laboratory. (54 total hours per quarter.)</td>
<td>4.5 hours laboratory. (54 total hours per quarter.)</td>
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<td>ART 44</td>
<td>Prerequisite: ART 45A.</td>
<td>LAB TBA PENNINGTON, SIMON</td>
<td>3 Units</td>
<td>4136</td>
<td>ART-035X-02Q LAB01:30 AM-02:15 PM</td>
<td>Studio practice in designing and creating original ceramic sculpture.</td>
<td>PENNINGTON, SIMON</td>
<td>Ceramic Sculpture</td>
<td>Ceramic Sculpture</td>
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### ASTRONOMY

**ASTR 10A**  
**GENERAL ASTRONOMY: SOLAR SYSTEM**  
5 Units  
Advisory: Concurrent enrollment in ASTR 10L.  
5 hours lecture. (60 total hours per quarter.)  
Not Repeatable.  
Non-technical introduction to astronomy, with emphasis on the planets, dwarf planets, moons, and smaller bodies which make up our solar system, as well as the scientific search for life elsewhere in the universe. Topics include the nature of light, the atom, and telescopes, an examination of the planets and their moons and rings, dwarf planets, comets, asteroids, and meteorites, catastrophic events (including the impact that may have killed the dinosaurs), the search for planets and life around other stars, the challenges of space travel, and modern views on extraterrestrial life. No background in science or math is assumed.

**ASTR 10B**  
**GENERAL ASTRONOMY: STARS, GALAXIES, COSMOLOGY**  
5 Units  
Advisory: Concurrent enrollment in ASTR 10L; not open to students with credit in ASTR 10BH.  
5 hours lecture. (60 total hours per quarter.)  
Not Repeatable.  
Non-technical introduction to astronomy, with emphasis on stars, galaxies, and the origin and evolution of the universe. Topics covered include the nature of light, the atom, and telescopes; the birth, evolution, and death of stars (including an introduction to black holes); the Milky Way Galaxy and its development over time; normal galaxies, active galaxies, and cannibal galaxies; and the Big Bang model (of the origin and ultimate fate of the cosmos). No background in science or math is assumed.

**ASTR 10L**  
**ASTRONOMY LABORATORY**  
1 Unit  
Advisory: Concurrent enrollment in ASTR 10B; not open to students with credit in ASTR 10BH.

Non-technical introduction to astronomy, with emphasis on stars, galaxies, and the origin and evolution of the universe. Topics covered include the nature of light, the atom, and telescopes; the birth, evolution, and death of stars (including an introduction to black holes); the Milky Way Galaxy and its development over time; normal galaxies, active galaxies, and cannibal galaxies; and the Big Bang model (of the origin and ultimate fate of the cosmos). No background in science or math is assumed.
BIOL 1A  PRINCIPLES OF CELL BIOLOGY  6 Units
Prerequisite: CHEM 1A.
Advisory: Students taking the biology majors’ sequence (BIOL 1A, 1B, 1C, 1D) are strongly advised to take the sequence in its entirety.
4 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (120 total hours per quarter.)
Not Repeatable.
An introduction to biological molecules, cellular structure and function, bioenergetics, the genetics of both prokaryotic and eukaryotic organisms, cell communication and signaling, the cell cycle, and elements of molecular biology. Intended for biology majors.
40011  BIOL-001A-01  LEC12:00 PM-01:50 PM TTh  ERICKSON, KAREN 8403
L-L 10:00 AM-11:00 AM MW  ERICKSON, KAREN 8707

BIOL 1B  FORM & FUNCTION IN PLANTS & ANIMALS  6 Units
Prerequisite: BIOL 1A.
Advisory: Students taking the biology majors’ sequence (BIOL 1A, 1B, 1C, 1D) are strongly advised to take the sequence in its entirety.
4 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (120 total hours per quarter.)
Not Repeatable.
An introduction to the structure and physiological processes of plants and animals. Transport systems, reproduction, digestion, gas exchange, regulation of the internal environment, responses to external stimuli, nervous systems, hormones, and locomotion. Intended for biology majors.
40012  BIOL-001A-02  LEC12:00 PM-01:50 PM TTh  ERICKSON, KAREN 8403
L-L 02:30 PM-03:20 PM TTh  ERICKSON, KAREN 8707
LAB30:00 PM-05:20 PM TTh  ERICKSON, KAREN 8707
BIOL001A-02: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

BIOL 1C  EVOLUTION, SYSTEMATICS & ECOLOGY  6 Units
Prerequisite: BIOL 1B.
Advisory: Students taking the biology majors’ sequence (BIOL 1A, 1B, 1C, 1D) are strongly advised to take the sequence in its entirety.
4 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (120 total hours per quarter.)
Not Repeatable.
Principles of evolutionary theory, classification of organisms, and basic ecology. Phylogenetic survey of the major groups of organisms (bacteria, archaea, protists, plants, animals and fungi) and their evolutionary history. Intended for biology majors.
40015  BIOL-001B-03  LEC12:00 PM-01:50 PM TTh  HAWKINS, PHILLIP 8711
L-L 03:20 PM-04:20 PM TTh  HAWKINS, PHILLIP 8711
LAB80:30 PM-10:20 PM TTh  HAWKINS, PHILLIP 8711
BIOL001B-03: All labs begin meeting the first week of the quarter. Students will be dropped if they do not attend the first class meeting - whether lec. or lab. Submit prerequisite proof of completion transcripts to counseling office; required for enrollment.

BIOL 1D  MOLECULAR GENETICS  4 Units

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<td>MELIA, MARTIN</td>
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<td>L-L 09:00 AM-10:00 AM</td>
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**BIOL 40B HUMAN ANATOMY & PHYSIOLOGY II**

5 Units

Prerequisites: BIOL 40A or equivalent.

4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Anatomy and physiology of the nervous system, cardiovascular system and respiratory system. Completion of this course is required for BIOL 40C.

**BIOL 40C HUMAN ANATOMY & PHYSIOLOGY III**

5 Units

Prerequisites: BIOL 40B or equivalent.

4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Anatomy and physiology of the digestive system; metabolism; urinary system; fluid, electrolyte and acid/base balance; lymphatic system; endocrine system; and reproductive system.

**BIOL 41 MICROBIOLOGY**

6 Units

Prerequisite: High school chemistry or CHEM 30A.

Advisory: ESL 25 and 235; critical reading skills and knowledge of English sentence structure; ability to comprehend spoken English in academic context.

4 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. (120 total hours per quarter.)

Not Repeatable.

Morphology and physiology of bacteria, fungi and viruses. Mechanisms of pathogenicity, host-parasite relationships, the immune response and principles of disease transmission. Techniques of microbial control including sterilization, aseptic procedures, use of disinfectants, antiseptics and chemotherapy.
biotechnology

Biological & Health Sciences  (650) 949-7249

BTEC 10  BIOTECHNOLOGY: GENERAL PRINCIPLES  5 Units
Advisory: Recent high school algebra or MATH 220; high school biology; eligibility for ENGL 1A or ESL 26.
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
Introduction to the field of biotechnology. Topics covered include history, applications of biotechnology (in health care, agriculture, forensics, and the study of evolution), bioethics, the scientific method, lab safety and record-keeping, and instrumentation. Instruction in cell and molecular biology. May include field trips and/or presentations by industry speakers. Will allow for career exploration.

40843  BTEC-010.-01  LEC10:00 AM-11:50 AM MW  L-Mar, NICOLE  8402
L-02:00 PM-03:00 PM M  MARKEZ, NICOLE  8708
### SPRING QUARTER 2013 COURSES

<table>
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### COMPUTER SCIENCE

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Unless otherwise noted, courses begin April 8 and continue through June 28. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of Feb. 5, 2013. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.
data abstraction, problem solving strategies, code style, documentation, debugging techniques and testing.

C S 1B INTERMEDIATE SOFTWARE DESIGN IN JAVA
Formerly: CIS 27B
Prerequisite: C S 1A.
Advisory: Eligibility for ENGL 1A or ESL 26; not open to students with credit in CIS 27B.
Not Repeatable.
This course is a systematic treatment of intermediate concepts in computer science through the study of Java object-oriented programming (OOP) intended for Computer Science majors as well as non-majors and professionals seeking intermediate-level Java experience. Coding topics include Java interfaces, generics, the Java collections framework, multi-dimensional arrays and file I/O. Concept topics include OOP project design, inheritance, polymorphism, method chaining, functional programming, linked-lists, FIFOS, LIFOS, event-driven programming and guarded code.

41399 C S -001B-01Y LEC10:00 AM-11:50 AM TTh STAFF, M 8401
41396 C S -001B-02Y LEC06:00 PM-07:50 PM MW STAFF, M 8401
41397 C S -001B-03Y LEC09:00 AM-10:50 AM TTh STAFF, M 8401
41398 C S -001B-04Y LEC12:00 PM-01:50 PM TTh STAFF, M 8401

C S 1C ADVANCED DATA STRUCTURES & ALGORITHMS IN JAVA
Formerly: CIS 27C
Prerequisite: C S 1B.
Advisory: ENGL 1A or ESL 26; not open to students with credit in CIS 27C.
Not Repeatable.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
This course is a systematic treatment of advanced data structures, algorithm analysis and abstract data types in the Java programming language intended for Computer Science majors as well as non-majors and professionals seeking advanced Java experience. Coding topics include the development of ADTs from scratch, building ADTs on top of the java.util collections, array lists, linked lists, trees, maps, hashing functions and graphs. Concept topics include searching, big-O time complexity, analysis of all major sorting techniques, top down splaying, AVL tree balancing, shortest path algorithms, minimum spanning trees and maximum flow graphs.

41400 C S -001C-02Y LBC08:00 AM-09:30 AM TTh TBA ONLINE
41401 C S -001C-03Y LAB TBA TBA STAFF, M ONLINE

C S 2A OBJECT-ORIENTED PROGRAMMING METHODOLOGIES IN C++
Formerly: CIS 15A
Advisory: Satisfactory score on the mathematics placement test or MATH 105 or 108; not open to students with credit in CIS 15A.
Not Repeatable.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
This course is a systematic introduction to fundamental concepts of computer science through the study of the C++ programming language intended for Computer Science majors as well as non-majors and professionals seeking C++ programming experience. Coding topics include C++ control structures, objects, global-scope functions, class methods, arrays and elementary data structures. Concept topics include algorithms, recursion, data abstraction, problem solving strategies, code style, documentation, debugging techniques and testing.

41402 C S -001C-01Y LEC12:30 PM-01:45 PM TTh STAFF, M 8401
41403 C S -001C-02Y LBC08:00 AM-09:30 AM TTh TBA ONLINE
41404 C S -001C-03Y LAB TBA TBA STAFF, M ONLINE

C S 2B INTERMEDIATE SOFTWARE DESIGN IN C++ 5 Units
Formerly: CIS 15B
Prerequisite: C S 2A.
Advisory: Eligibility for ENGL 1A or ESL 26; not open to students with credit in CIS 15B.
Not Repeatable.
This course is a systematic treatment of intermediate concepts in computer science through the study of C++ object-oriented programming (OOP) intended for Computer Science majors as well as non-majors and professionals seeking intermediate-level C++ experience. Coding topics include C++ derived classes, class templates, function templates, virtual functions, operator overloading, an introduction to the Standard Template Library, multiple inheritance, pointers, dynamic memory allocation and file I/O. Concept topics include OOP project design, inheritance, polymorphism, method chaining, functional programming, linked-lists, FIFOS, LIFOS, events in GUIs and guarded code.

41405 C S -002B-01Y LEC12:30 PM-02:00 PM TTh STAFF, M 8401
41406 C S -002B-02Y TBA TBA TBA STAFF, M ONLINE
41407 C S -002B-03Y TBA TBA TBA STAFF, M ONLINE

C S 2C ADVANCED DATA STRUCTURES & ALGORITHMS IN C++ 5 Units
Formerly: CIS 15C
Prerequisite: C S 2B.
Advisory: ENGL 1A or ESL 26; not open to students with credit in CIS 15C.
Not Repeatable.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
This course is a systematic treatment of advanced data structures, algorithm analysis and abstract data types in the C++ programming language intended for Computer Science majors as well as non-majors and professionals seeking advanced C++ experience. Coding topics include the development of ADTs from scratch, building ADTs on top of the STL templates, vectors, lists, trees, maps, hashing functions and graphs. Concept topics include searching, big-O time complexity, analysis of all major sorting techniques, top down splaying, AVL tree balancing, shortest path algorithms, minimum spanning trees and maximum flow graphs.

41408 C S -002C-01Y LEC12:30 PM-02:00 PM TTh STAFF, M 8401
41409 C S -002C-02Y TBA TBA TBA STAFF, M ONLINE
41410 C S -002C-03Y TBA TBA TBA STAFF, M ONLINE
41411 C S -002C-04Y TBA TBA TBA STAFF, M ONLINE

C S 10 COMPUTER ARCHITECTURE & ORGANIZATION 5 Units
Prerequisite: C S 1A or 2A.
Advisory: C S 1C or 2C.
4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)
Not Repeatable.

This course is a systematic treatment of advanced data structures, algorithm analysis and abstract data types in the C++ programming language intended for Computer Science majors as well as non-majors and professionals seeking advanced C++ experience. Coding topics include the development of ADTs from scratch, building ADTs on top of the STL templates, vectors, lists, trees, maps, hashing functions and graphs. Concept topics include searching, big-O time complexity, analysis of all major sorting techniques, top down splaying, AVL tree balancing, shortest path algorithms, minimum spanning trees and maximum flow graphs.

41412 C S -002C-01W TBA TBA STAFF, M ONLINE
C S -002C-01W: Please contact Counseling or PSME Dean for waiver to register.

Unless otherwise noted, courses begin April 8 and continue through June 28. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of Feb. 5, 2013. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.

www.foothill.edu

Foothill College • Spring Quarter 2013
### 2013 Courses

#### CHEMISTRY

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### NETWORK FUNDAMENTALS (CCNA)

Advisory: Satisfactory score on the mathematics placement test or MATH 105 or 108; concurrent enrollment in ESSL 25 or ENGL 209.

This course is an introduction to basic computer programming concepts using an object-oriented language. It is intended for students who may wish to take CS 1A or CS 2A, but would like a more gradual entry to computing foundations prior to taking those faster-paced courses. Coding topics include hands-on practice with software engineering tools, simple programs, variables, control structures, functions, and input/output. Concept topics include the comprehension of specifications, adherence to style guidelines, and the importance of testing to ensure that programs are usable, robust and modifiable.

### THE LOCAL AREA NETWORK: ETHERNET & WIRELESS NETWORKS

Advisory: C S 50A.

4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)

This course introduces the design, configuration, deployment, analysis and troubleshooting of local area networks. The student is taught the fundamentals of ethernet switches, Virtual Local Area Networks (VLANs), the VLAN Trunking Protocol (VTP), the Spanning Tree Protocol (STP and RSTP) and Inter-VLAN Routing. The student learns the details of the configuration these functions and operation of the protocols. Each of these concepts and protocols is taught by lecture and illustrated by performing laboratory exercises. This course helps prepare the student for the Cisco CCNA certification.

### ADVANCED NETWORK TROUBLESHOOTING (CCNP)

Advisory: C S 52A, 52B or equivalent experience.

4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)

This course will provide the student the knowledge and teach the skills necessary to (1) plan and perform regular maintenance on complex enterprise routed and switched networks and (2) use technology-based practices and a systematic ITIL-compliant approach to perform network troubleshooting. This course uses the official Cisco Academy CCNP TSHOOT curriculum and is designed to provide preparation for the CCNP ROUTE certification exam.

### FOUNDATIONS OF COMPUTER PROGRAMMING

Advisory: Satisfactory score on the mathematics placement test or MATH 105 or 108; concurrent enrollment in ESSL 25 or ENGL 209.

2 hours lecture, 2 hours laboratory. (48 total hours per quarter.)

This course is intended for students who may wish to take CS 1A or CS 2A, but would like a more gradual entry to computing foundations prior to taking those faster-paced courses. Coding topics include hands-on practice with software engineering tools, simple programs, variables, control structures, functions, and input/output. Concept topics include the comprehension of specifications, adherence to style guidelines, and the importance of testing to ensure that programs are usable, robust and modifiable.

### CHEMISTRY

Physical Sciences, Mathematics & Engineering  
(650) 949-7259  
www.foothill.edu/psme/

CHEM 1A, 1B, 25, 30A, 30B. If you have not taken the prerequisite(s) at Foothill College, you will not be allowed to register without an equivalency form from the counseling office or waiver from the division office.

### GENERAL CHEMISTRY

Prerequisites: Satisfactory score on the chemistry placement test or CHEM 25; concurrent enrollment in ENGL 209 or ESSL 25.

4 hours lecture, 3 hours laboratory. (84 total hours per quarter.)

The course covers fundamental chemical principles with an emphasis on physical and chemical properties, stoichiometry, chemical reaction types, fundamental structure and bonding theory, thermochemistry, modern atomic theory and atomic structure, chemical bonding and bonding theory, and molecular shapes. The laboratory component parallels lecture topics and also includes chemical nomenclature, basic chemical equations, stoichiometry, unknown analysis, and fundamentals of oxidation and reduction.
### Spring Quarter 2013 Courses

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<th>Title</th>
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<td>40364 CHEM-001B-03</td>
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<td>6</td>
<td>RUHLAND-FRITSCH, BEATRICE 4602</td>
<td>4501</td>
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<td>LAB07:30 AM-08:20 AM MW</td>
<td></td>
<td>RUHLAND-FRITSCH, BEATRICE 4814</td>
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<td>CHEM-001B-03: Internet access and B&amp;W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.</td>
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<td>CHEM-012B-01: Concurrent enrollment in Chemistry 70 is highly recommended to assist with your analytic and study skills in Chemistry. Internet access and B&amp;W printing required. Color printing recommended. Additional costs for online materials or content in place of or in addition to a textbook may be required.</td>
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**CHEM 1B GENERAL CHEMISTRY & QUANTITATIVE ANALYSIS**

- **Course Number**: CHEM 1B
- **Title**: General Chemistry & Quantitative Analysis
- **Prerequisite**: CHEM 1A
- **Units**: 5
- **Description**: 3 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. Not Repeatable.
- **Content**: Kinetic molecular theory and gas laws, intermolecular forces, chemical kinetics, equilibria, behavior of acids and bases, acid-base equilibrium, and classical thermodynamics. Laboratory parallels lecture topics and includes computer graphing techniques, chemical kinetics, equilibrium measurements, heat transfer experiments, thermodynamics of an equilibrium system, vapor pressure of liquids.

---

**CHEM 1C GENERAL CHEMISTRY & QUALITATIVE ANALYSIS**

- **Course Number**: CHEM 1C
- **Title**: General Chemistry & Qualitative Analysis
- **Prerequisite**: CHEM 1B
- **Units**: 5
- **Description**: 3 hours lecture, 2 hours lecture-laboratory, 4 hours laboratory. Not Repeatable.
- **Content**: Aqueous ionic equilibria of buffers, solubility product constants and formation constants; properties of solutions including factors affecting solubility, energy changes in the solution process and colligative properties; electrochemistry including the thermodynamics of voltaic cells; introduction to coordination chemistry and bonding theory; nuclear chemistry with emphasis on applications; and, time permitting, an introduction to modern materials. Laboratory parallels lecture topics with an introduction to qualitative inorganic analysis.
CHEM 30A  SURVEY OF INORGANIC & ORGANIC CHEMISTRY  5 Units
Prerequisite: Satisfactory score on the Mathematics Placement Test or MATH 220.
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
This is an introductory course covering basic principles of chemistry more descriptive than quantitative in emphasis. Topics include atomic structure, the periodic table, the three states of matter, energy, chemical bonding in ionic and molecular compounds, nomenclature, measurement and the metric system, chemical reactions and equations, solutions, acids, bases, salts and electrolyte systems. This chemistry course is primarily for students entering the allied health field including: nursing, veterinary technology, dental assistant, dental hygiene, biotechnology, primary care associate, radiation therapy technology, radiological technology, respiratory therapy, and pharmaceutical technology.

40379 CHEM-025.-01 LEC 08:00 AM-09:50 AM TTh NGUYEN, ROSA 4501
LEC 11:00 AM-12:50 AM TNGUYEN, ROSA 4814
LAB12:00 PM-01:50 PMT NGUYEN, ROSA 4814
CHEM-025.-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

40383 CHEM-025.-02 LEC 08:00 AM-09:50 AM TTh NGUYEN, ROSA 4501
LAB 11:00 AM-12:50 AM Th NGUYEN, ROSA 4814
LAB 12:00 PM-01:50 PM Th NGUYEN, ROSA 4814
CHEM-025.-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

40384 CHEM-025.-03 LEC12:00 PM-01:50 PM MW LI, JIMMY 4301
LAB30:30 PM-05:20 PM MW LI , JIMMY 4814
CHEM-025.-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.

40385 CHEM-025.-04 LEC12:00 PM-01:50 PM MW LI, JIMMY 4301
LAB 02:30 PM-03:20 PM W LI, JIMMY 4814
LAB 03:30 PM-05:20 PMW LI , JIMMY 4814
CHEM-025.-04: Additional costs for online materials or content in place of or in addition to a textbook may be required.

40386 CHEM-030A-01 LEC12:00 PM-01:50 PM MW STAFF, M 5001
LECT12:30 PM-01:30 PM M STAFF, M 4719
LAB30:30 PM-05:20 PMM STAFF, M 4719
CHEM-030A-01: Additional costs for online materials or content in place of or in addition to a textbook may be required.

40387 CHEM-030A-02 LEC12:00 PM-01:50 PM MW STAFF, M 5001
LAB2:30 PM-03:20 PM W STAFF, M 4719
LAB30:30 PM-05:20 PM W STAFF, M 4719
CHEM-030A-02: Additional costs for online materials or content in place of or in addition to a textbook may be required.

40388 CHEM-030A-03 LEC 08:00 AM-09:50 AM TTH STAFF, M 4502
L-L 11:00 AM-12:50 AM T STAFF, M 4719
LAB 12:00 PM-01:50 PM T STAFF, M 4719
CHEM-030A-03: Additional costs for online materials or content in place of or in addition to a textbook may be required.

40389 CHEM-030A-04 LEC 08:00 AM-09:50 AM TH STAFF, M 4502
L-L 11:00 AM-12:50 AM Th STAFF, M 4719
LAB 12:00 PM-01:50 PM Th STAFF, M 4719
CHEM-030A-04: Additional costs for online materials or content in place of or in addition to a textbook may be required.

40390 CHEM-030A-05 LEC05:00 PM-06:50 PM TTH STAFF, M 4601
L-L 07:30 PM-08:20 PM Th STAFF, M 4719
LAB 08:30 PM-10:20 PM Th STAFF, M 4719
CHEM-030A-05: Additional costs for online materials or content in place of or in addition to a textbook may be required.

UNLESS OTHERWISE NOTED, COURSES BEGIN APRIL 8 AND CONTINUE THROUGH JUNE 28. ALL COURSES ARE TITLE 5 DEGREE APPLICABLE CREDIT COURSES UNLESS OTHERWISE NOTED. ALL FEE PAYMENTS ARE DUE AT TIME OF REGISTRATION. INSTRUCTORS ARE NOT OBLIGATED TO HOLD A SEAT FOR THE STUDENT WHO IS ENROLLED BUT DOES NOT ATTEND THE FIRST CLASS MEETING. THE COURSE LISTINGS IN THIS PDF WERE ACCURATE AS OF FEB. 5, 2013. BE AWARE THAT COURSE LISTING AND FOOTNOTE INFORMATION MAY HAVE CHANGED. FOR THE MOST ACCURATE, CURRENT COURSE LISTINGS, ALWAYS ACCESS THE ONLINE CLASS SCHEDULE.

www.foothill.edu
### Child Development

**Business & Social Sciences**  
(650) 949-7322  
[www.foothill.edu/bss/](http://www.foothill.edu/bss/)

Child Development offers a five-tier certificate program, with each certificate qualifying you for a higher level child development permit: Child Development Assistant Career Certificate, Child Development Associate Teacher Career Certificate, Child Development Teacher Career Certificate, Child Development Master Teacher Certificate, and Child Development Site Supervisor Certificate. For more information, access [www.foothill.edu/bss](http://www.foothill.edu/bss/).

<table>
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<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td><strong>CHLD 1</strong></td>
<td><strong>CHILD DEVELOPMENT: PRENATAL TO EARLY CHILDHOOD</strong></td>
<td>4</td>
<td>Giotto, Denise</td>
<td>MC J2</td>
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<td>CHLD 001-01</td>
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<td>CHLD 001-02</td>
<td>LEC08:00 AM-09:50 AM</td>
<td>KERBEY, NICOLE</td>
<td>ONLINE</td>
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<td><strong>CHLD 2</strong></td>
<td><strong>CHILD DEVELOPMENT: MIDDLE CHILDHOOD TO ADOLESCENCE</strong></td>
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<td>Smith, Sheila</td>
<td>MC J6</td>
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<td>CHLD 002-01</td>
<td>LEC06:00 PM-09:50 PM</td>
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<td>CHLD 002-02</td>
<td>LEC08:00 AM-09:50 AM</td>
<td>CARDUCCI, CHRISTINE</td>
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<td><strong>CHLD 51A</strong></td>
<td><strong>AFFIRMING DIVERSITY IN EDUCATION</strong></td>
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<td>Formerly: CHLD 11</td>
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<td>LEC09:00 AM-01:00 PM</td>
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<td><strong>CHLD 56N</strong></td>
<td><strong>PRINCIPLES &amp; PRACTICES OF TEACHING YOUNG CHILDREN</strong></td>
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<td>CHLD 056N-01</td>
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<td>THOMAS, JEANNE</td>
<td>MC J7</td>
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<td><strong>CHLD 59</strong></td>
<td><strong>WORKING WITH SCHOOL-AGE CHILDREN: PRINCIPLES &amp; PRACTICES</strong></td>
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**Spring Quarter 2013 Courses**

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<th>Location</th>
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<td>41645</td>
<td>CHLD-059.-01</td>
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<td>McKethan, Sandra</td>
<td>MC P3</td>
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<td>41646</td>
<td>CHLD-072.-01</td>
<td>LEC06:30 PM-08:20 PM</td>
<td>Wachob, Ruth</td>
<td>MC J6</td>
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<td>40898</td>
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<td>LEC06:30 PM-09:00 AM</td>
<td>Kerbe, Nicola</td>
<td>MC P3</td>
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<td>41723</td>
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<td>LEC09:00 AM-05:00 PM</td>
<td>Thomas, Jeanne</td>
<td>MC J7</td>
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</table>

Unless otherwise noted, courses begin April 8 and continue through June 28. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of Feb. 5, 2013. Be aware that course listing and footnotes information may have changed. For the most accurate, current course listings, always access the online class schedule.
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<td>CHLD 86B</td>
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<td>KOUKOUTSAKIS, CLAIRE</td>
<td>MC P3</td>
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<tr>
<td>CHLD 88B</td>
<td>POSITIVE BEHAVIOR MANAGEMENT</td>
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<td>SMITH, SHEILA</td>
<td>MC J2</td>
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<td>CHLD 91</td>
<td>ADMINISTRATION &amp; SUPERVISION: ADULT SUPERVISION &amp; LEADERSHIP</td>
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<td>THOMAS, JEANNE</td>
<td>MC J7</td>
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<tr>
<td>CHLD 53NC</td>
<td>SUPPORTING CHILDREN WITH SPECIAL NEEDS IN CHILDREN'S PROGRAMS</td>
<td>3</td>
<td>THOMAS, JEANNE</td>
<td>MC J7</td>
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**Counseling & Student Services (650) 949-7296**

All CNSL 50 classes meet the first 6 weeks of the quarter unless otherwise noted. It is recommended that the student complete math and English assessments before entering the CNSL 50 classes.

**CNSL 50**

**INTRODUCTION TO COLLEGE**

1 unit

1 hour lecture. (12 total hours per quarter).

Not Repeatable.

Orientation to Foothill College academic policies, resources, programs and services; introduction to California systems of higher education; formulation of educational plan.

**CNSL 050-05**

1 unit

Not Repeatable.

Orientation to Foothill College academic policies, resources, programs and services; introduction to California systems of higher education; formulation of educational plan.

**CNSL 050-01**

LEC 09:00 AM-09:50 AM Thh ESCOTO, ISAAC 8330


**CNSL 050-02**

LEC 10:00 AM-10:50 AM Thh LEW, DEBRA 5210


**CNSL 050-03**

LEC 11:00 AM-11:50 AM Thh LEW, DEBRA 8330

CNSL-050-03: Above course meets for six weeks only:


**CNSL 050-04**

LEC 12:00 PM-12:50 PM Thh CELLILIO, GERARD 5201


**CNSL 050-05**

LEC 12:00 PM-12:50 PM Thh DENVER, CATHY 6306

CNSL-050-05: The above course is for F-1 Visa International Students only and meets for six weeks 4/9/13-5/18/13.

**CNSL 050-06**

LEC 12:00 PM-12:50 PM Thh LANE, KIMBERLY 6307

CNSL-050-06: The above course is for F-1 Visa International Students only and meets for six weeks 4/9/13-5/18/13.

**CNSL 050-07**

LEC 02:00 PM-02:50 PM Thh JOHNSON, BRENDA 8330

CNSL-050-07: This class meets for 6 weeks only: 4/9/13-5/18/13.

**CNSL 050-08**

LEC 01:00 AM-11:50 AM Thh DELGADO, Leticia 6305


**CNSL 050-12W**

LEC 02:00 PM-02:50 PM Thh JINNAF, FATIMA ONLINE 8330

CNSL-050-12W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga for information on how to begin. This course meets for six weeks only: 4/9/13-5/18/13.

**CNSL 050-13W**

LEC 01:00 AM-11:50 AM Thh WU, TILLY ONLINE 8330

CNSL-050-13W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga for information on how to begin. Class runs for six weeks only from 4/9/13-5/18/13.

**CNSL 51**

**LEARNING STRATEGIES FOR COLLEGE STUDENTS (PASS THE TORCH PROGRAM)**

1 unit

Prerequisite: Concurrent enrollment in a math, English, or ESL course; students are required to attend an orientation with the Pass the Torch Program prior to enrollment.

1 hour lecture. (12 total hours per quarter).

Not Repeatable.

Develop, use, and assess effective and efficient learning strategies, implement a personalized study system. Topics include learning behaviors, attitudes, and styles; goal-setting and self-monitoring; time management; memory and concentration; lecture and textbook note taking; test preparation and test taking; and general strategies for successful college academic success. Students are required to demonstrate evidence of application of learning strategies to current academic coursework and to actively participate in class sessions. This course is specifically targeted for students participating in the Pass the Torch Program; a unique study team project that pairs high achieving community college students with students who self-select to join a study team.

**CNSL 051-01**

LEC 12:00 PM-01:25 PM P M ARREOLA TRIGONIS, ANABEL 6503

CNSL-051-01: Course is designed for Pass the Torch members only. This is a late start class thatUnless otherwise noted, courses begin April 8 and continue through June 28. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of Feb. 5, 2013. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.

FOOTHILL COLLEGE • SPRING QUARTER 2013
### Course Schedule

#### Spring Quarter 2013 Courses

**TRANSFER READINESS**
3 Units
- 41256 CNSL-051-02D LEC 12:00 PM-01:15 PM T ARREOLA TRIGONIS, ANABEL 1230
- 41257 CNSL-051-03D LEC 08:30 AM-09:45 AM W ARREOLA TRIGONIS, ANABEL 8330
- 41258 CNSL-051-00D: Course is designed for Pass the Torch members only. This is a late start class that meets 5/7-3-6/28/13. To register for the class, please visit the Pass the Torch office in Room 3526 or call (650) 949-7358.

**ADVANCED LEADERSHIP REALITIES**

**STRESS, WELLNESS & COPING**
1 Unit
- 41251 CNSL-275-01 LEC12:00 PM-12:50 PM MW WU, TILLY 8330
- 41252 CNSL-275-02 LEC12:00 PM-12:50 PM T NAVA, TOBIAS 8330
- 41253 CNSL-275-02: Formerly listed as CNSL175. Class is designed for EOPS students only. Contact April Henderson at 650-949-7206 for enrollment information. Class runs 6 weeks only: 4/15/13-5/22/13.

---

**COMMUNICATION STUDIES**

**COMM 1A PUBLIC SPEAKING**
5 Units
- Formerly: SPCH 1A
- Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in COMM 1AH or SPCH 1A.
- 5 hours lecture. (60 total hours per quarter.)

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**EOPS: THE ROAD TO COLLEGE SUCCESS - MORE THAN JUST BOOKS**
1 Unit
- Formerly: CNSL 175
- Advisory: Not open to students with credit in CNSL 175.

---

Course Number | Course ID | Title | Units | Activity | Time | Days | Instructor | Location | Notes
---|---|---|---|---|---|---|---|---|---
40527 COMM-001A-004Y LEC09:00 AM-10:00 PM TBA TBA TBA 1219 ONLINE
- COMM-001A-004Y: Hybrid class. 1 additional weekly TBA hour via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA A-1 (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.
- COMM-001A-005Y: Hybrid class. 1 additional weekly TBA hour via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA A1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill's Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

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**CNSL 72 STRESS, WELLNESS & COPING**
3 Units
- Advisory: Not open to students with credit in SPED 72.
- 3 hours lecture. (36 total hours per quarter.)
- Not Repeatable.
- Explore and become familiar with symptoms of stress, depression, and anxiety. Examine the social and psychological factors that contribute to these problems and the patterns of behavior which result. Learn, utilize, and understand effective coping strategies to promote self-awareness, personal wellness, and academic success and model these strategies for members of the community. Emphasis placed on mental health and application of self-help skills.

---

**CNSL 85A TRANSFER READINESS**
1 Unit
- Formerly: CNSL 85H
- Advisory: Not open to students with credit in CNSL 85H.
- 1 hour lecture. (12 total hours per quarter.)
- Not Repeatable.

---

**CNSL 89 ADVANCED LEADERSHIP REALITIES**
1 Unit
- Advisory: Eligibility for ENGL 110 or ESSL 25; affiliation with student government of other campus leadership position.
- 1 hour lecture. (12 total hours per quarter.)
- Not Repeatable.

---

**CNSL 275 EOPS: THE ROAD TO COLLEGE SUCCESS - MORE THAN JUST BOOKS**
1 Unit
- Formerly: CNSL 175
- Advisory: Not open to students with credit in CNSL 175.

---

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**FOOTNOTE**: Not Repeatable. Course will introduce EOPS/CARE students to various EOPS services, policies and requirements governing programs. Course encourages collaborative learning, educational attainment, promotes student retention, persistence, success. Topics included: financial aid scholarship applications, identifying campus resources, budgeting and managing money, cultural identity and experiences, goal-setting, self-esteem, career options, managing time.

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**COMM 1A PUBLIC SPEAKING**
5 Units
- Formerly: SPCH 1A
- Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in COMM 1AH or SPCH 1A.
- 5 hours lecture. (60 total hours per quarter.)
- Not Repeatable.
- Introduction to the analysis, theory and history of rhetorical and public address; application of principles of public address to the preparation and delivery of public speeches.

---

**COMM 1A PUBLIC SPEAKING**
5 Units
- Formerly: SPCH 1A
- Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in COMM 1AH or SPCH 1A.
- 5 hours lecture. (60 total hours per quarter.)
- Not Repeatable.
- Introduction to the analysis, theory and history of rhetorical and public address; application of principles of public address to the preparation and delivery of public speeches.
### Spring Quarter 2013 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>40329 COMM-002-03Y</td>
<td>LEC00:00 AM-11:50 AM</td>
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<tr>
<td>40323 COMM-002-04Y</td>
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<td>40334 COMM-002-05Y</td>
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<td>MC10</td>
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<td>40336 COMM-002-06Y</td>
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<td>40346 COMM-004-06Y</td>
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<td>NI, PRESTON</td>
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<tr>
<td>40866 COMM-002-05Y</td>
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<td>M</td>
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<td>VELEASCO, LAUREN</td>
<td>ONLINE</td>
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</table>

#### COMM 1B  ARGUMENTATION & PERSUASION
Formerly: SPCH 1B

- Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in COMM 180B or SPCH 1B.
- 5 hours lecture. (60 total hours per quarter.)
- Not Repeatable.

The study and practice of argumentation and persuasion. Analysis of rhetorical theory and application of methods of effective persuasion. Knowledge of the structure and format of various types of disputations and participation in class speeches.

#### COMM 2  INTERPERSONAL COMMUNICATION
Formerly: SPCH 2

- Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in SPCH 2.
- 5 hours lecture. (60 total hours per quarter.)
- Not Repeatable.

Experience in interpersonal communication, including discussion, the perception process, critical thinking and reasoning, verbal and nonverbal modes of communication, intercultural communication, and the effect of communication on individuals and society. Faculty and peer feedback on critically evaluated exercises.

### UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill’s Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.

### OFF-CAMPUS CLASS
- Evening classes are shaded.

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### Spring Quarter 2013 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title Description</th>
<th>Units</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>COMM 10</td>
<td>41338</td>
<td>Gender, Communication &amp; Culture</td>
<td>5</td>
<td>LEC</td>
<td>TBA</td>
<td>TOWNES, SHAWN</td>
<td>ONLINE</td>
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<tr>
<td></td>
<td></td>
<td>(Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.</td>
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<td>Hybrid class. 1 additional weekly TBA hour via online instruction. Course is both CSU and UC transferable. Course satisfies IGETC AREA1C (Oral Communication) and CSU GE Area A-1 (Oral Communication). Also satisfies Foothill’s Area V General Education requirement (Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.</td>
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<td></td>
<td>41422</td>
<td>Honors Argumentation &amp; Persuasion</td>
<td>5</td>
<td>LEC</td>
<td>TBA</td>
<td>JOSELYN, CAROL</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Communication and Analytical Thinking). Approved for AA in Communication Studies and both Communication Certificates of Proficiency and Specialization.</td>
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<tr>
<td></td>
<td>41423</td>
<td>Honors Argumentation &amp; Persuasion</td>
<td>5</td>
<td>LEC</td>
<td>TBA</td>
<td>JOSELYN, CAROL</td>
<td>ONLINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin. Course is both CSU and UC transferable. Approved for IGETC Area 4 (Social &amp; Behavioral Sciences); CSU Area C-2 (Humanities) or CSU GE Area D-3 (Social Sciences); Foothill AA GE for Area V (Communication &amp; Analytical Thinking) or VI (United States Cultures &amp; Communities) or Area VII (Lifelong Understanding). Also acceptable toward both Communication Certificates of Proficiency and Specialization.</td>
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<tr>
<td></td>
<td>41355</td>
<td>Communication &amp; Cultural Competence</td>
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<td>TBA</td>
<td>TOWNES, SHAWN</td>
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<tr>
<td></td>
<td></td>
<td>Formerly: SPCH 12. Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in SPCH 12. 5 hours lecture. (60 total hours per quarter.) Not Repeatable.</td>
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<td>A comparative and integrative study of the interactive relationship between communication, gender, and culture in American Society. Emphasis on the multiple ways communication operates in interpersonal relationships, educational institutions, organizations, media, and society in general creates and perpetuates gender roles. Analysis of gendered histories, traditions, and practices which normalize certain expectations, values, meanings, and patterns of behavior across cultural/racial lines (Native Americans, Latino Americans, European Americans, African Americans, Asian Americans, Gays, Lesbians, Bi-sexual, and Transgendered peoples).</td>
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<td>41341</td>
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<td></td>
<td>Introduction to communication in organizational, career, leadership and global contexts. Interviewing, interpersonal and intercultural communication, group interactions, professional presentations, and leadership development. Application of theories and skills through critically evaluated exercises.</td>
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<tr>
<td></td>
<td>41365</td>
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<td>TBA</td>
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<td>Formerly: SPCH 12. Advisory: Eligibility for ENGL 1A or ESLL 26, or equivalent; not open to students with credit in SPCH 12. 5 hours lecture. (60 total hours per quarter.) Not Repeatable.</td>
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<th>Units</th>
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<tbody>
<tr>
<td>CRWL-070-02W</td>
<td>ADVANCED SHORT FICTION WRITING</td>
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<tr>
<td>CRWL-070-03W</td>
<td>ADVANCED DENTAL ASISTING SKILLS</td>
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<tr>
<td>CRWL-070-04W</td>
<td>SUCCESSFUL INTERVIEWING TECHNIQUES</td>
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<tr>
<td>CRWL-074-01W</td>
<td>INTRODUCTION TO CREATIVE WRITING</td>
<td>5</td>
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<tr>
<td>CRWL-056-01W</td>
<td>INTRODUCTION TO SHORT FICTION WRITING</td>
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**Counseling & Student Services**

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<th>Title</th>
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<tr>
<td>CRRLP-70</td>
<td>SELF-ASSESSMENT</td>
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<tr>
<td>CRRLP-70-04W</td>
<td>SELF-ASSESSMENT</td>
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**Creative Writing**

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<tr>
<td>CRWR-006-01W</td>
<td>INTRODUCTION TO CREATIVE WRITING</td>
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<td>CRWR-056-01W</td>
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**Dental Assisting**

<table>
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<tr>
<td>D A 51C</td>
<td>ADVANCED DENTAL ASSISTING SKILLS</td>
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<tr>
<td>D A 53C</td>
<td>DENTAL RADIOGRAPHY III</td>
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<tr>
<td>D A 60B</td>
<td>DENTAL OFFICE BUSINESS PRACTICES II</td>
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<tr>
<td>D A 62C</td>
<td>DENTAL SCIENCES III</td>
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</table>

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www.foothill.edu
**Dental Hygiene**

**Microbiologic and nutritional conditions related to dentistry; etiology, symptoms, transmission and control of infective and contagious diseases, nutritional pathology, and counseling, effect of nutrition on general dental health. Pharmacology of local anesthetic solutions, analgesic gases, and psychosedatives, and antibiotic agents. Use of nitrous oxide equipment.**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>40260</td>
<td>D A -062C-01 PIT &amp; FISSURE SEALANTS</td>
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<tr>
<td>40261</td>
<td>D A -063-01 SPECIAL PATIENT POPULATIONS</td>
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<td>Admission to Dental Assisting Program</td>
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<tr>
<td>40262</td>
<td>D A -065-01 DENTAL ASSISTING CLINICAL PRACTICE</td>
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<td>Admission to Dental Assisting Program</td>
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<td>40263</td>
<td>D A -068-01 PIT &amp; FISSURE SEALANTS</td>
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**Spring Quarter 2013 Courses**

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<th>CRN</th>
<th>Course ID</th>
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<td>40026</td>
<td>D H -055A-01</td>
<td>MICROBIOLOGY AND NUTRITIONAL PATHOLOGY</td>
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<td>40027</td>
<td>D H -056.-01W</td>
<td>APPLIED PHARMAOCOLOGY IN DENTISTRY</td>
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<td>40028</td>
<td>D H -057A-01</td>
<td>PERIODONTICS</td>
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<td>40029</td>
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<td>D H -060E-01</td>
<td>DENTAL RADIOGRAPHY</td>
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<td>40031</td>
<td>D H -061B-01</td>
<td>INTRODUCTION TO CLINIC</td>
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### Spring Quarter Courses 2013

**Course Number**  | **Title**                                      | **Units** | **Activity** | **Time**      | **Days** | **Instructor** | **Location**
---|------------------------------------------------|----------|-------------|---------------|-----------|---------------|-------------
D H 62D | CLINICAL DENTAL HYGIENE IV                  | 4 Units  | LAB          | TBA           | MW        | KORNEGAY, CATHERINE | 5312
D H 64  | ETHICS, LAW & DENTAL OFFICE PRACTICES       | 2 Units  | LAB          | TBA           | MW        | DILEONARDO, KERRY | 2504
D H 68A | RADIOGRAPHIC INTERPRETATION               | 2 Units  | LAB          | TBA           | MW        | YAMAMOTO, JUDY   | 5302
D H 75C | CLINICAL DENTAL HYGIENE THEORY III         | 1.5 Units| LAB          | TBA           | MW        | KORNEGAY, CATHERINE | 5312
D H 200L | INTRODUCTION TO DENTAL HYGIENE             | 1 Unit   | LAB          | TBA           | MW        | LEICHT, JENNIFER | 5302
D H 290X | DIRECTED STUDY                             | 1 Unit   | LEC          | TBA           | TBA       | LEICHT, JENNIFER | ONLINE
D H 290Z | DIRECTED STUDY                             | 2 Units  | L-L          | TBA           | TBA       | SPRAGGE, PHYLLIS | CLINIC

**Prerequisites and Notes**

- **D H 62D**
  - Prerequisite: D H 62C.
  - 1 hour lecture, 19 hours clinic. (240 total hours per quarter.)
  - Not Repeatable.
  - Continuation of clinical dental hygiene practice providing comprehensive dental hygiene care in a clinic setting on patients. Development of progress in clinical performance with each successive academic period. Intended for students enrolled in the Dental Hygiene Program.

- **D H 64**
  - Prerequisites: Admissions to the Dental Hygiene Program.
  - 2 hours lecture. (24 total hours per quarter.)
  - Not Repeatable.
  - This course covers the subjects of ethics, jurisprudence and practice aspects of dental hygiene practice. Emphasis will be placed on the challenges of providing ethical care in the clinical setting. The laws and regulations effecting the practice of dental hygiene will be analyzed and the scope of practice of dental professionals as outlined by the California Dental Practice Act will be examined.

- **D H 68A**
  - Prerequisites: D H 60A and 60B.
  - 2 hours lecture. (24 total hours per quarter.)
  - Not Repeatable.

- **D H 75C**
  - Prerequisites: Admission to the Dental Hygiene Program.
  - 1 hour lecture, 3 hours laboratory. (48 total hours per quarter.)
  - Not Repeatable.
  - This course is designed to aid the student in identifying an appropriate patient for clinical state and/or regional board licensing exam for Dental Hygienists and in identifying and anticipating methods which will influence a successful board experience. Supportive course to reinforce and amplify the knowledge and skills needed to perform dental hygiene procedures. Intended for students enrolled in the Dental Hygiene Program.

- **D H 200L**
  - Prerequisite: None.
  - 2 hours lecture-laboratory. (24 total hours per quarter.)
  - Not Repeatable.
  - Introduction to the profession of dental hygiene. Emphasis on dental terminology, communication skills, licensure requirements and clinical and lab techniques related to dental hygiene clinical practice. Discussion of the requirements for the Dental Hygiene Program.

- **D H 290X**
  - Prerequisite: None.
  - 2 hours lecture-laboratory. (24 total hours per quarter.)
  - Not Repeatable.
  - Introduction to the profession of dental hygiene. Emphasis on dental terminology, communication skills, licensure requirements and clinical and lab techniques related to dental hygiene clinical practice. Discussion of the requirements for the Dental Hygiene Program.

**Additional Information**

- **Kinesiology & Athletics**
  - (650) 949-7741
  - www.foothill.edu/dance

**DANCE Courses**

- **DANC 1A**
  - FUNDAMENTALS OF BALLET I
  - 1 Unit
  - Advisory: Enrollment is limited to 6 times within the DANC 1 group.
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.
  - Introduction to the elementary fundamentals of ballet technique and training. Includes the basic vocabulary and practice of barre and center floor exercises.

- **DANC 1B**
  - FUNDAMENTALS OF BALLET II
  - 1 Unit
  - Advisory: Enrollment is limited to 6 times within the DANC 1 group.
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.
  - Continuation into the intermediate/advanced fundamentals of ballet technique and training. Includes the intermediate/advanced vocabulary and practice of barre and center floor exercises.

- **DANC 2**
  - BEGINNING MODERN DANCE
  - 1 Unit
  - Formerly: H P 32
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.
  - This course is designed to develop the student’s ability to integrate expressive body movement in a creative dance form. Fundamental modern dance locomotor and axial movement are presented and practiced in class.

- **DANC 3A**
  - BEGINNING JAZZ DANCE
  - 1 Unit
  - Formerly: H P 33

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Course Number | Title | Units | CRN | Course ID | Activity | Time | Days | Instructor | Location
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
40602 DANC-003A-01 | BALLROOM & SOCIAL DANCE | 1 Unit | 40604 DANC-003A-02 | LAB06:30 PM-09:20 PMM | GONG, SING | 2504

DANC 4 | BALLROOM & SOCIAL DANCE | 1 Unit | 40707 DANC-004-01 | LAB01:00 PM-03:50 PMF | FRANKEL, DONNA | 2507
40708 DANC-004-02 | LAB06:30 PM-09:10 PMW | HUNTER, TERRY | MCGMB
41592 DANC-004-04 | LAB07:00 PM-09:50 PMT | HUNTER, TERRY | MCGMB

DANC 5 | WORLD DANCE | 1 Unit | 40192 DMS-052A-01 | LAB05:00 PM-10:50 PMF | GONG, SING | 2504

DANC 8 | DANCE PRODUCTION: REHEARSAL & PERFORMANCE | 2 Units | 40193 DMS-053B-01 | LAB05:00 PM-10:50 PMW | GONG, SING | 2504

DANC 10 | TOPICS IN DANCE HISTORY | 4 Units | 40609 DANC-010-01W | LEC | TBA | TBA | SHEWFELT, BARBARAONLINE
41449 DANC-010-02W | LEC | TBA | TBA | SHEWFELT, BARBARAONLINE

DANC 11 | FOOTHILL REPERTORY DANCE COMPANY | 3 Units | 40194 DMS-060C-01 | LEC02:00 PM-03:50 PMM | AUSTIN, KATHLEEN | 6707

DMS 52A | PHYSICAL PRINCIPLES OF DIAGNOSTIC MEDICAL SONOGRAPHY | 2 Units | 40837 DMS-054B-01 | LEC02:00 PM-04:05 PMM | GONG, SING | 2504

DMS 53B | DIAGNOSTIC MEDICAL SONOGRAPHY | 2 Units | 40193 DMS-053B-01 | LEC12:00 PM-01:50 PMM | AUSTIN, KATHLEEN | 6707

DMS 54B | GYNECOLOGY & OBSTETRICS | 2 Units | 40837 DMS-054B-01 | LEC02:00 PM-03:50 PMM | AUSTIN, KATHLEEN | 6707

DMS 60C | CRITIQUE & PATHOLOGY | 1 Unit | 40194 DMS-060C-01 | LEC10:00 AM-10:50 AMM | AUSTIN, KATHLEEN | 6707

DMS 70B | CLINICAL PRECEPTORSHIP | 8 Units | 41449 DANC-010-02W | LEC | TBA | TBA | SHEWFELT, BARBARAONLINE

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www.foothill.edu

Foothill College • Spring Quarter 2013

DIAGNOSTIC MEDICAL SONOGRAPHY

Biological & Health Sciences (650) 949-7538 www.foothill.edu/bio/programs/ultra

There is a selective admission process to enroll in these classes. For an application, call (650) 949-7538.

DMS 52A | PHYSICAL PRINCIPLES OF DIAGNOSTIC MEDICAL SONOGRAPHY | 2 Units

Prerequisite: Admission to the Diagnostic Medical Sonography Program.
2 hours lecture. (24 total hours per quarter.) Not Repeatable.

Principles of diagnostic ultrasound, wave characteristics, artifacts, propagation, acoustic variables, and review of mathematical skills.

DMS 53B | DIAGNOSTIC MEDICAL SONOGRAPHY | 2 Units

Prerequisite: Admission to the Diagnostic Medical Sonography Program.
2 hours lecture, 1 hour online laboratory. (36 total hours per quarter.) Not Repeatable.

Anatomy and physiology related to major and superficial structures and organs including sonography of abdominal organs and superficial structures. Assessment including physical, clinical, sonographic findings, and pathology including the sonographic appearances. Scanning protocols, technical factors and image quality. One hour per week will be spent in completing online exams and working on patient case studies.

DMS 54B | GYNECOLOGY & OBSTETRICS | 2 Units

Prerequisite: Admission to the Diagnostic Medical Sonography Program.
2 hours lecture, 1.5 hours online laboratory. (30 total hours per quarter.) Not Repeatable.

Anatomy and physiology of the non-gravid pelvis and first trimester pregnancy. Pathology, sonographic appearance, and clinical symptoms of the female patient. Sonographic protocols and measurements with correlations to accepted standards. One-half hour per week will be spent in completing online exams and working on patient case studies.

DMS 60C | CRITIQUE & PATHOLOGY | 1 Unit

Prerequisite: Admission to the Diagnostic Medical Sonography Program.
1 hour lecture. (12 total hours per quarter.) Not Repeatable.

Interpretation and critique of normal and abnormal anatomy with correlation of didactic, clinical and image information. Written and oral case presentations with emphasis on gynecological and abdominal subjects.

DMS 70B | CLINICAL PRECEPTORSHIP | 8 Units

Prerequisite: DMS 70A.
32 hours laboratory. (384 total hours per quarter.) Not Repeatable.

Designed as a preceptorship in a medical setting to obtain the technical expertise with emphasis on mastery of knowledge, skills, and abilities required performing sonographic
### Spring Quarter 2013 Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
<tr>
<td>ECON 9</td>
<td>POLITICAL ECONOMICS</td>
<td>4</td>
<td>LEC</td>
<td>TBA</td>
<td>EVANS, BRIAN</td>
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<tr>
<td>ECON 25</td>
<td>INTRODUCTION TO THE GLOBAL ECONOMY</td>
<td>4</td>
<td>LEC</td>
<td>TBA</td>
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<td>ECON 36</td>
<td>SPECIAL PROJECTS IN ECONOMICS</td>
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<td>HONORS INSTITUTE SEMINAR IN ECONOMICS</td>
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<td>TBA</td>
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<td>TBA</td>
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</table>

**ECONOMICS**

Business & Social Sciences  
(650) 949-7322  
www.foothill.edu/bss/

For more information about the online economics degree, access www.foothillglobalaccess.org/main/aa_econ.htm

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#### ECON 1A PRINCIPLES OF MACROECONOMICS  
5 Units  
Advisory: Successfully completed MATH 105; eligibility for ENGL 1A or ESSL 26.  
5 hours lecture. (60 total hours per quarter.)

- **Not Repeatable.**
  - Fundamental economic concepts; determination of national income and employment; income fluctuation; money and the banking system; government monetary and fiscal policies; current economic problems; economic development; international trade. ECON 1A or ECON 1B may be taken in either order.

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#### ECON 1B PRINCIPLES OF MICROECONOMICS  
5 Units  
Advisory: Eligibility for ENGL 1A or ESSL 26.  
5 hours lecture. (60 total hours per quarter.)

- **Not Repeatable.**

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www.foothill.edu
### Emergency Medical Technician

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<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
<th>Title Activity Time Days</th>
<th>Instructor</th>
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<tr>
<td>EMT 304</td>
<td>40255</td>
<td>EMERGENCY MEDICAL TECHNICIAN: BASIC PART A</td>
<td>L-LEC 08:00 AM-01:05 PM W</td>
<td>PRIMROSE, BRENT</td>
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<tr>
<td>EMT 305</td>
<td>40256</td>
<td>EMERGENCY MEDICAL TECHNICIAN: BASIC PART B</td>
<td>LAB 08:45 PM-09:30 PM MW</td>
<td>HEUSEMAN, DAVID</td>
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</tbody>
</table>

**Prerequisite:** Successful completion of EMT 304 in the last six months. Advisory: EMT 305 is part two of two courses required to be eligible to take the California State written and practical exam certification as an Emergency Medical Technician-I. This course is intended to instruct a student to the level of Emergency Medical Technician. You can not take both courses simultaneously. (102 hours total per quarter.)

**Not Repeatable.**

### Paramedic

<table>
<thead>
<tr>
<th>Course Number</th>
<th>CRN</th>
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<tr>
<td>EMTP 62A</td>
<td>40305</td>
<td>EMERGENCY MEDICAL TECHNICIAN-I</td>
<td>LEC 08:00 AM-01:05 PM W</td>
<td>KING, CHRISTOPHER</td>
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<tr>
<td>EMTP 62B</td>
<td>40306</td>
<td>EMERGENCY MEDICAL TECHNICIAN-II</td>
<td>LAB 08:45 AM-09:30 AM W</td>
<td>HUSEMAN, DAVID</td>
</tr>
</tbody>
</table>

**Prerequisites:** EMTP 61A, 61B & 63A.

**Corequisite:** EMTP 62A.

1 hour lecture, 6.5 hours laboratory. (90 total hours per quarter.)

**Not Repeatable.**

### English

<table>
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<th>Course Number</th>
<th>CRN</th>
<th>Title Activity Time Days</th>
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<tr>
<td>ENGL 209</td>
<td>40805</td>
<td>ENGLISH 1A</td>
<td>LAB 08:45 AM-09:30 AM W</td>
<td>PRIMROSE, BRENT</td>
</tr>
</tbody>
</table>

**Prerequisite:** Eligibility based on appropriate assessment information or successful completion of assigned courses in basic reading and writing skills.

12 hours clinic. Not Repeatable.

### Additional Information

- Unless otherwise noted, courses begin April 8 and continue through June 28. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fee payments are due at the end of the session.
- Corequisite: EMTP 100C.
- Not Repeatable.
- Corequisite: EMTP 62B.
- 10.5 hours lecture. (126 total hours per quarter.)
- Not Repeatable.
### Spring Quarter 2013 Courses

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<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
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<tr>
<td>ENGL-001A-01</td>
<td>ADVANCED COMPOSITION</td>
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<tr>
<td>ENGL-001A-02</td>
<td>INTEGRATED COMPOSITION &amp; READING</td>
<td>5</td>
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<tr>
<td>ENGL-001A-03</td>
<td>CRITICAL READING &amp; THINKING</td>
<td>5</td>
</tr>
<tr>
<td>ENGL-001A-04</td>
<td>ENGLISH POLYCHRONIC</td>
<td>5</td>
</tr>
<tr>
<td>ENGL-001A-05</td>
<td>ENGLISH POLYCHRONIC</td>
<td>5</td>
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</table>

**ENGL 1A** ADVANCED COMPOSITION  4 Units

Formerly: ENGL 2

Prerequisite: ENGL 1A or ESLL 26.

Advisory: Not open to students with credit in ENGL 1CH or 2.

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Advanced study and practice of expository and argumentative writing. Focus is on reading and writing assignments from across the disciplines to further improve and refine reading, grammar, composition, and critical thinking skills.

41229 ENGL-001B-23W LEC TBA TBA SVETICH, KELLA ONLINE

41624 ENGL-001B-25 LEC 09:30 AM-11:45 AM TBA TBA MC J7

**ENGL 1T** INTEGRATED COMPOSITION & READING  5 Units

Formerly: ENGL 427

Prerequisite: ENGL 1S.

Advisory: Student should enroll with the same instructor as taken for ENGL 1S; if the student intends to use ENGL 1S & 1T combination to satisfy the Foothill General Education Requirement for Area II, English, the student must complete ENGL 1S & 1T. Also, to receive UC transfer credit for ENGL 1A, the student must complete ENGL 1S & 1T, and UC will transfer 5 units maximum for the combination of these two courses; student may enroll in ENGL 1T or 1A, but not both, for credit.

Corequisite: ENGL 242B.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Integrated reading and writing pathway that scaffolds instruction in freshman composition outcomes over two quarters. ENGL 1S and ENGL 1T respectively. Over this 2 quarter stretch, students read substantive quantities of college-level texts and write a total of 10,000 words, comprised of a minimum of 10 compositions (7 out-of-class and 3 in-class) to practice the techniques of critical reading, critical thinking, and written communication. Reading focused primarily on works of non-fiction prose, including published and student writing, chosen to represent a broad spectrum of opinions and ideas, writing styles, and cultural experiences. ENGL 1T is the second half of ENGL 1S-T.

41225 ENGL-001T-01 LEC0100 AM-12:15 PM TBA FERNANDEZ, HILDA 6409

ENGL-001T-01: Courses listed with an “S” suffix are the first half of the course. “T” indicates the second half of the course.
ENGL 8 CHILDREN'S LITERATURE 4 Units
Advisory: Eligibility for ENGL 1A.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
A survey of children's literature from many periods and cultures, including classics, picture books, folk tales, fairy tales, biography, poetry, fantasy and fiction. Emphasis on the ideas, didactic and sociological, reflecting relationships among cultures in America included in books usually read by children. Special emphasis on books that explore the cross-cultural influences of our shared oral tradition and folklore as well as the issues arising from a diverse mix of cultures in the U.S.

ENGL 17 INTRODUCTION TO SHAKESPEARE 4 Units
Prerequisite: Eligibility for ENGL 1A.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Detailed analysis of representative sonnets, and history, tragedy, comedy, and romance dramas through lecture and discussion. Consideration of the Elizabethan world.

ENGL 1AH HONORS COMPOSITION & READING 5 Units
Prerequisite: Eligibility based on appropriate assessment information; Honors Institute participant.
Advisory: Not open to students with credit in ENGL 1A.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
The techniques and practice of expository and argumentative writing based on critical reading and thinking about texts. Reading focused primarily on works of non-fiction prose, chosen to represent a broad spectrum of opinions and ideas, writing styles, and cultural experiences. Fulfills the Foothill College reading and composition requirement for the AA/AS degree and the university-transfer general education requirement in English reading and written composition. The honors section offers rigorous preparation in analytic reading and writing skills for students intending to transfer to a four-year college or university. Course provides opportunity to engage contemporary social and ethical issues through small group discussion, a structured sequence of activities requiring higher-level thinking tasks, and collaborative projects. Emphasis is placed on multiple drafts and substantive revision to produce articulate writing appropriate to academic disciplines. Research paper is required.

ENGL 1BH HONORS COMPOSITION, CRITICAL READING & THINKING 5 Units
Prerequisite: ENGL 1A; Honors Institute participant.
Advisory: Not open to students with credit in ENGL 1B.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Further development in the technique and practice of expository and argumentative writing, critical reading and thinking. Readings chosen to represent a broad spectrum of opinions and ideas, writing styles, and cultural experiences. Formal instruction in composition and critical thinking.

ENGL 1CH HONORS ADVANCED COMPOSITION 4 Units
Prerequisite: ENGL 1A; Honors Institute participant.
Advisory: Not open to students with credit in ENGL 1C or 2.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Advanced study and practice of expository and argumentative writing. Focus on reading and writing assignments from across the disciplines to refine critical reading, rhetoric, writing style, and critical thinking skills. The honors section is intensive in content, involving both writing and meta-analysis of complex texts. Includes collaborative evaluations of the content, evidence, organizing principles and style of a variety of texts. Course encourages students to examine assumptions, implications and unintended consequences of rhetorical and content choices. Includes focus on primary sources and the interpretations of these documents in contemporary discourse. Course expands and enhances the student’s ability to write with fluency, effectiveness, and intellectual rigor.

ENGL 31 LATINO/A LITERATURE 4 Units
Advisory: Eligibility for ENGL 1A.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Reading and discussion of Latino/a literature and its relationship to social issues and identity politics of Latinos/as. Critical examination of fiction, poetry, essays, and drama by and about the Latino/a communities, including those of Mexican, Puerto Rican, Cuban, Caribbean, and South and Central American descent.

ENGL 46C WARS & WASTELANDS: ENGLISH LITERATURE FROM THE VICTORIAN PERIOD TO THE PRESENT 4 Units
Prerequisite: ENGL 1A or 1S & 1T or ESLL 26.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Reading and critical analysis of representative works, emphasizing social and cultural backgrounds, from the Victorian to the Modern Period.

ENGL 110 INTRODUCTION TO COLLEGE WRITING 5 Units
Prerequisites: Eligibility based on assessment or successful completion of ENGL 209.
Advisory: Not open to students with credit in ENGL 108.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Explicit instruction and practice in writing expository essays, emphasizing clear sentence structure and logical development. Assignments include summary and synthesis of texts, critical analysis, as well as personal writing. Instruction includes rules of and practice on punctuation skills. Lecture, discussion, collaborative, and individualized instruction.

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Spring Quarter 2013 Courses

Course Number | Course ID | Title                  | Units | Activity | Time | Days | Instructor | Location
---------------|-----------|------------------------|-------|----------|------|-------|------------|----------
40561 ENGL-110.-01 | LEC | 07:35 AM-09:50 AM TTh | TBA | 6505
40562 ENGL-110.-02 | LEC | 08:00 AM-09:50 AM MW | FERNANDEZ, HILDA | 6501
40563 ENGL-110.-03 | LEC | 08:00 AM-09:50 AM TTh | MILLS, RICHARD | 6708
4127 ENGL-110.-04 | LEC | 09:00 AM-09:50 AM TTh | TBA | 6404
40564 ENGL-110.-05 | LEC | 10:00 AM-11:50 AM MW | TBA | 6405
40565 ENGL-110.-06 | LEC | 10:00 AM-11:50 AM TTh | MILLS, RICHARD | 6307
40566 ENGL-110.-07 | LEC | 12:00 PM-01:25 PM TThF | STAFF, M | 6502
40567 ENGL-110.-08 | LEC | 01:30 PM-03:45 PM MW | PRATT, KEITH | 6409
40568 ENGL-110.-09 | LEC | 01:30 PM-03:45 PM TTh | DAUER, LESLEY | 6409
40570 ENGL-110.-10 | LEC | 06:00 PM-08:15 PM TTh | MCDONALD, JAMES | 6509

ENGL 209 INTRODUCTION TO COLLEGE READING 5 Units
Formerly: ENGL 100
Advisory: Not open to students with credit in ENGL 100 or ENGL 110.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

Techniques of critical analysis for reading-college level prose, focusing primarily on expository/argumentative essays and textbook materials. Students learn to comprehend text holistically, identifying and expressing critical elements of comprehension. Practice and testing to be done on authentic text of one or more page length and with written responses. Lecture, discussion, group work, and individualized instruction.

41230 ENGL-209.-01 | LECO7:35 AM-09:50 AM AMTh | HARVEY, SHERRI | 6507
40667 ENGL-209.-02 | LEC | 08:00 AM-09:50 AM MW | DOREEN, DIANNA | 6502
40668 ENGL-209.-06 | LEC | 10:00 AM-11:50 AM TTh | TBA | 6501
40669 ENGL-209.-09 | LEC | 06:00 PM-08:15 PM TTh | HILL, JEFFREY | 6509

ENGR 37 INTRODUCTION TO CIRCUIT ANALYSIS 5 Units
Prerequisite: MATH 1B and PHYS 4B.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

Practical verification of theorems and concepts learned in ENGR 37 (Circuit Analysis) through experimentation. Included will be experiments in DC and AC circuits involving the utilization of a variety of instruments such as DC/AC meters, regulated power supplies, signal generators, oscilloscopes and frequency counters.

40699 ENGR-037L-01 | LAB | 10:00 AM-12:15 PM MW | HILL, JEFFREY | 6409
40698 ENGR-037L-02 | LAB | 12:30 PM-02:45 PM MW | HILL, JEFFREY | 6509

ENGR 10 INTRODUCTION TO ENGINEERING 5 Units
Formerly: ENGR 20
Prerequisite: MATH 220, high school Trigonometry and Physics.
Advisory: ENGL 110 or ESLL 25; not open to students with credit in ENGR 20.
3 hours lecture, 6 hours laboratory. (108 total hours per quarter.)
Not Repeatable.

An introduction to engineering and the engineering professions to include exposure to engineering project development, the use of computer tools, experimentation, data analysis, and presentation.

40430 ENGR-010.-01 | LEC | 01:00 PM-02:15 PM TTh | PARIKH, SARAH | 6405
40698 ENGR-037L-01 | LAB | 10:00 AM-12:15 PM MW | HILL, JEFFREY | 6409

ENGR 45 PROPERTIES OF MATERIALS 5 Units
Prerequisite: CHEM 1B and MATH 1C.
Corequisite: Completion or concurrent enrollment in PHYS 4B.
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (64 total hours per quarter.)
Not Repeatable.

Properties of engineering materials related to basic structure; applications to the selection

Use of portfolio publication to demonstrate meta-cognitive awareness of the integration between reading and writing processes of the student’s location within discourse communities, including the campus community; and of the behaviors necessary for college success. Students will demonstrate ability to transfer knowledge and learning across disciplines.

40430 ENGR-010.-01 | LEC | 01:00 PM-02:15 PM TTh | PARIKH, SARAH | 6405
40698 ENGR-037L-01 | LAB | 10:00 AM-12:15 PM MW | HILL, JEFFREY | 6409

Under no circumstances will the text of the above transfers be altered or deleted. A complete record of the original text at the time of transfer shall be maintained. Physical Sciences, Mathematics & Engineering. (650) 949-7259

ENGR 37L CIRCUIT ANALYSIS LABORATORY 2 Units
Corequisite: ENGR 37.
1 hour lecture-laboratory, 3 hours laboratory. (48 total hours per quarter.)
Not Repeatable.

Practical verification of theorems and concepts learned in ENGR 37 (Circuit Analysis) through experimentation. Included will be experiments in DC and AC circuits involving the utilization of a variety of instruments such as DC/AC meters, regulated power supplies, signal generators, oscilloscopes and frequency counters.

40699 ENGR-037L-01 | LAB | 10:00 AM-12:15 PM MW | HILL, JEFFREY | 6409

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ENGLISH FOR SECOND LANGUAGE LEARNERS

Language Arts (650) 949-7250

These courses are designed for students whose native or first language is not English. Students who have never studied English or who do not already speak English with basic conversational ability should enroll in English as a Second Language (ESLL) courses offered by the adult education departments of local school districts. If you plan to enroll for the first time in an ESLL course, you are required to take an ESLL placement test unless you enroll in the lowest course. Refer to the front of the schedule for testing information or call (650) 949-7230. For information about ESLL courses, call (650) 949-7250.

ESLL 25 COMPOSITION & READING 5 Units
Formerly: ESL 25
Prerequisites: Appropriate placement test score or a grade of “C” or better in ESLL 236 and 237; designed for students whose native language is not English.
Advisory: Completion of, or concurrent enrollment in ESLL 235 strongly recommended; not open to students with credit in ESL 25 or 257.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

ESLL 26 ADVANCED COMPOSITION & READING 5 Units
Formerly: ESL 26
Prerequisites: Appropriate placement test score or a grade of “C” or better in ESLL 25; designed for students whose native language is not English.
Advisory: Concurrent enrollment in ESLL 246 and/or 247 strongly recommended; not open to students with credit in ESL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

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<th>Time Days</th>
<th>Instructor</th>
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<tr>
<td>40546 ESLL-236-.04</td>
<td>LEC 01:30 PM-03:45 PM TTh</td>
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<td>FASS, DEBORAH</td>
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<td>41253 ESLL-236-.05</td>
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<td>5</td>
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**ESLL 237 BASIC COMPOSITION SKILLS** 5 Units
Formerly: ESL 167
Prerequisite: Appropriate placement test score or a grade of “C” or better in ESLL 226 and 227.
Advisory: Designed for students whose native language is not English; not open to students with credit in ESL 167.
Corequisite: Concurrent enrollment in or a grade of “C” or better or ESLL 236. 5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
A basic course for non-native speakers focusing on techniques of college writing, emphasizing clear prose. Lecture, discussion, and individualized instruction. Emphasis on the production of short compositions containing well-developed paragraphs and a variety of standard English sentences. Does not meet the graduation requirement in composition.

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</tbody>
</table>

**ESLL 246 APPLIED GRAMMAR & EDITING SKILLS** 3 Units
Formerly: ESL 176
Prerequisites: Completion of ESLL 236 or an appropriate score on the ESL placement test.
Corequisites: Concurrent enrollment in ESL 25, 26, ENGL 110, 1A or 1B. 3 hours lecture. (36 total hours per quarter.)
Not Repeatable.
Identify and edit for patterns of grammatical errors in original writing. Develop individual error profile. Address pertinent grammar issues through review of grammatical rules, various grammar exercises, and editing of sample papers and original work.

<table>
<thead>
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<td>6409</td>
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**ESLL 247 ADVANCED VOCABULARY DEVELOPMENT** 3 Units
For Reading & Writing
Formerly: ESL 177
Prerequisites: Appropriate placement test score or successful completion of ESLL 236 and 237.
Advisory: Designed for students whose native language is not English; not open to students with credit in ESL 177.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.
Expansion of academic vocabulary to meet the specific vocabulary needs for students in an academic setting. Multiple exposures to target words in meaningful contexts and rich information about each word. May be repeated one time as course content changes.

<table>
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<tr>
<th>CRN Course ID</th>
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<th>Instructor</th>
<th>Location</th>
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**ESLL 248 ADVANCED GRAMMAR REVIEW** 3 Units
Formerly: ESL 186
Prerequisite: ESL 236 or an appropriate score on the ESL Placement Test.
Advisory: Not open to students with credit in ESL 186.
3 hours lecture. (36 total hours per quarter.)
Not Repeatable.
A review of essential grammar and greater in-depth examination of grammatical and lexical structures used in academic and professional writing designed for nonnative speakers of English. This course is delivered entirely online.

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## GEOGRAPHY

### Business & Social Sciences  (650) 949-7322  www.foothill.edu/bss/  
Two GIS certificates are available: Certificate of Achievement in Geographic Information Systems and Career Certificate for Geographic Information Systems Analyst. For information on the online degree program, visit www.foothillglobalaccess.org/main/aa_geography_new.htm. For general information, visit www.foothill.edu/bss.

<table>
<thead>
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<td>40064 GEOG-001-02W LEC</td>
<td>HUMAN GEOGRAPHY</td>
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<td>41720 GEOG-036-1Y LEC</td>
<td>SEMINAR IN SPECIALIZED APPLICATIONS OF GEOGRAPHIC INFORMATION SYSTEMS I</td>
<td>2</td>
<td>TBA</td>
<td>ONLINE</td>
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</tbody>
</table>

### GEOG 1  PHYSICAL GEOGRAPHY  5 Units
Advisories: Eligibility for ENGL 1A or ESLL 26; MATH 220.  
4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
Study of the Earth’s surface, including the earth's dimensions and systems; atmospheric processes; patterns of climate, vegetation and soils; and features, processes, and interactions of land, water and various energy sources. Use of maps for interpretation.

### GEOG 2  HUMAN GEOGRAPHY  4 Units
Advisory: Eligibility for ENGL 1A or ESLL 26.  
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
The cultural geographic landscape. Study of the human population from origins to the present with an emphasis on the future. Examination of population densities, migrations and settlements; race, languages and religions; patterns of land use and major environmental perceptions and problems. Analysis of energy, mineral, and food resources and how cultures utilize them.

### GEOG 3  SPECIAL PROJECTS IN GEOGRAPHY  1 Unit
Advisory: Eligibility for ENGL 1A or ESLL 26.  
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Students undertake an original GIS project of their choosing under guidance of the instructor.

### GEOG 4A  SEMINAR IN SPECIALIZED APPLICATIONS OF GEOGRAPHIC INFORMATION SYSTEMS I  2 Units
2 hours lecture. (24 total hours per quarter.)
May be taken two times for credit.
Seminar on the diverse applications of Geographic Information Systems (GIS). Weekly presentations by guest speakers.

### GEOG 4B  SEMINAR IN SPECIALIZED APPLICATIONS OF GEOGRAPHIC INFORMATION SYSTEMS II  2 Units
Formerly: GEOG 54
Advisory: Not open to students with credit in GEOG 54.
Corequisite: Completion of or concurrent enrollment in GEOG 54A.  
6 hours laboratory. (72 total hours per quarter.)
Not Repeatable.
Students undertake an original GIS project of their choosing under guidance of the instructor.

### GEOG 5  INTRODUCTION TO ECONOMIC GEOGRAPHY  4 Units
Advisory: Eligibility for ENGL 1A or ESLL 26.  
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Introduction to the geography of economic activity; the world wide distribution and characteristics of agriculture, forestry, fishing, mining, manufacturing, transportation, high technology and international trade.

### GEOG 6  APPLICATIONS OF GEOGRAPHIC INFORMATION SYSTEMS I  2 Units
Study of Geographic Information Systems (GIS) science and its applications to spatial data management. Assessment of vector and raster systems, scale, resolution, map projection, coordinate systems, Georeferencing and Global Positioning Systems (GPS). Discussion and analysis of uncertainty propagation with a GIS. Modeling with GIS.

### GEOG 7  APPLICATIONS OF GEOGRAPHIC INFORMATION SYSTEMS II  2 Units
Students undertake an original GIS project of their choosing under guidance of the instructor.

### GEOG 10  WORLD REGIONAL GEOGRAPHY  4 Units
Advisory: Eligibility for ENGL 1A or ESLL 26.  
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Survey of the world’s major culture regions and major nations. Physical, cultural, economic features. Emphasis on historical influences on population growth, transportation networks, natural environment, potential and problems. Location, importance and impact of the foremost features of countries, states, major cities, rivers and landform regions.

### GEOG 12  INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS)  4 Units
3 hours lecture, 3 hours laboratory. (72 total hours per quarter.)
Not Repeatable.
Study of Geographic Information Systems (GIS) science and its applications to spatial data management. Assessment of vector and raster systems, scale, resolution, map projection, coordinate systems, Georeferencing and Global Positioning Systems (GPS). Discussion and analysis of uncertainty propagation with a GIS. Modeling with GIS.

### GEOG 13  CARTOGRAPHY, MAP PRESENTATION & DESIGN  2 Units
1 hour lecture, 3 hours laboratory. (48 total hours per quarter.)
Not Repeatable.
Map projections, geodes, coordinate systems. Map composition. Selection of colors and symbols.

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www.foothill.edu
## Spring Quarter 2013 Courses

### Gerontology

**Business & Social Sciences**  
[www.foothill.edu/aging](http://www.foothill.edu/aging)

**Course: GERN 52 Health & Aging**  
3 units, 3 hours lecture (36 total hours per quarter)  
Not Repeatable.

An introduction to normal physical changes in older adults without significant disability, common diseases and disabilities that occur in old age, health promotion/disease prevention strategies, and health care policies and practices.

<table>
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<tr>
<th>CRN</th>
<th>Course ID</th>
<th>Title Activity</th>
<th>Units</th>
<th>Time Days</th>
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<td>PM Th</td>
<td>DELANGE, MARGARETHA</td>
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</table>

### Fine Arts & Communication

[www.foothill.edu/fga/](http://www.foothill.edu/fga/) for information on how to begin.

#### GID 33 Graphic Design Studio I

- **Units**: 4
- **Activity**: 3 hours lecture, 3 hours laboratory (72 total hours per quarter)

Not Repeatable.

Introduction to graphic design and visual communication. Projects include composition, typography, image editing and logo design. Design principles are explored through creative projects. Students practice fundamental software skills using Adobe Photoshop, Illustrator, and InDesign to complete the graphic design activities in this course.

<table>
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<tr>
<th>CRN</th>
<th>Course ID</th>
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<th>Units</th>
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#### GID 53 T-shirt Design & Garment Printing

- **Units**: 4
- **Activity**: 3 hours lecture, 3 hours laboratory (72 total hours per quarter)

May be taken six times for credit.

Basic instruction in design and printing for wearable art. Students learn hand-drawn and digital skills for image creation and preparation of multi-color artwork for screenprinting on t-shirts, fabrics and wearable substrates. Development of personal visual style while learning business practices of garment printing.

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#### GID 56 Web Site Design

- **Units**: 4
- **Activity**: 3 hours lecture, 3 hours laboratory (72 total hours per quarter)

Not Repeatable.

Basic instruction using the computer for web site and interface design. Emphasis on interactive media and creative problem solving.

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#### GID 60 Careers in the Visual Arts

- **Units**: 2
- **Activity**: 2 hours lecture (24 total hours per quarter)

Not Repeatable.

Exploring the field of visual arts including commercial arts, graphic design, photography, video arts, web site design, and illustration. Survey of career paths including art studios, company art departments, advertising agencies, freelance, and other job opportunities for creative services professionals.

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<th>Time Days</th>
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HISTORY

**Course Number** | **Title** | **Units** | **Activity** | **Time** | **Days** | **Instructor** | **Location**
--- | --- | --- | --- | --- | --- | --- | ---
40381 | GID -061-01Y | LETTERPRESS PRINTING | 4 Units | LEC | TBA | TBA | RAGEY, JOSEPH | ONLINE
40382 | GID -061-02W | LETTERPRESS PRINTING | 4 Units | LEC | TBA | TBA | RAGEY, JOSEPH | ONLINE

**Course Number** | **Title** | **Units** | **Activity** | **Time** | **Days** | **Instructor** | **Location**
--- | --- | --- | --- | --- | --- | --- | ---
408  | HIST 4A  | HISTORY OF WESTERN CIVILIZATION TO 800 AD | 4 Units | LEC | TBA | TBA | FEIG, KONNLYN | ONLINE

**Course Number** | **Title** | **Units** | **Activity** | **Time** | **Days** | **Instructor** | **Location**
--- | --- | --- | --- | --- | --- | --- | ---
40887 | HIST-017B-01 | HISTORY OF THE UNITED STATES FROM 1812 TO 1914 | 4 Units | LEC | 08:00 AM-11:50 AM | TTh | BATHAM, STEPHEN | ONLINE
40887 | HIST-017B-02W | HISTORY OF THE UNITED STATES FROM 1812 TO 1914 | 4 Units | LEC | TBA | TBA | BATHAM, STEPHEN | ONLINE

### HIST 17C  HISTORY OF THE UNITED STATES FROM 1900 TO THE PRESENT 4 Units
Advisory: Eligibility for ENGL 1A or ESSL 26.
4 hours lecture. (48 total hours per quarter.)

### HIST 18  INTRODUCTION TO MIDDLE EASTERN CIVILIZATION 4 Units
Advisory: Eligibility for ENGL 1A or ESSL 26.
4 hours lecture. (48 total hours per quarter.)

### HIST 4CH  HONORS HISTORY OF WESTERN CIVILIZATION 1789-PRESENT 4 Units
Prerequisite: Honors Institute participant.
Advisory: Eligibility for ENGL 1A or ESSL 26; not open to students with credit in HIST 4C.
4 hours lecture. (48 total hours per quarter.)

### HLT 21  CONTEMPORARY HEALTH CONCERNS 4 Units
Advisory: ENGL 1A or ESSL 25.
4 hours lecture. (48 total hours per quarter.)

### ENVIRONMENTAL HORTICULTURE & DESIGN

**Biological & Health Sciences**  (650) 949-7249  www.foothill.edu/bio/programs/hort/

### HORT 15  ORIENTATION TO ENVIRONMENTAL HORTICULTURE 4 Units

**Biological & Health Sciences**  (650) 949-7249  www.foothill.edu/bio/programs/hort/

### HORT 22  PLANT MATERIALS II 3 Units

**Biological & Health Sciences**  (650) 949-7249  www.foothill.edu/bio/programs/hort/

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**Development of understanding and attitudes relative to personal, family, and community health needs.** Emphasis placed upon epidemiology of disease, nutritional behavior, communicable and non-communicable diseases, disease prevention, mental health and substance abuse. Attention also given to the role of physical activity and the ecological conditions of health significance. Study of common lifestyle behaviors will emphasize self-help and preventable aspects of medical care. Intended for students in health career programs as well as those who wish to identify and evaluate contemporary personal health practices in order to establish a plan for change.

### HLT 55  EMERGENCY MEDICAL RESPONSE 5 Units
Formerly: HLT 5

**Advisory:** Not open to students with credit in HLT 5.
4 hours lecture, 2 hours laboratory. (64 total hours per quarter.)

Not Repeatable. Provides the student with the knowledge and skills necessary to work as an emergency medical responder (EMR) to help sustain life, reduce pain and minimize the consequences of injury or sudden illness until more advanced medical help takes over. The course meets or exceeds the 2008 Emergency Medical Services Educational Standards for Emergency Medical Response and meets Guidelines 2010 for First Aid and 2010 Consensus on Science for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care.

### HORT 15  ORIENTATION TO ENVIRONMENTAL HORTICULTURE 4 Units

**Biological & Health Sciences**  (650) 949-7249  www.foothill.edu/bio/programs/hort/

### HORT 22  PLANT MATERIALS II 3 Units

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<td>HORT 022.01 PLANT MATERIALS: CALIFORNIA</td>
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<tr>
<td>41267</td>
<td>HORT 023.01 NATIVE PLANTS</td>
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<tr>
<td>40181</td>
<td>HORT 052C.01 HORTICULTURE PRACTICES: PLANT INSTALLATION &amp; MAINTENANCE</td>
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<tr>
<td>40182</td>
<td>HORT 052H.01 HORTICULTURE PRACTICES: INTEGRATED PEST MANAGEMENT</td>
<td>3</td>
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<tr>
<td>40183</td>
<td>HORT 054D.01 LANDSCAPE CONSTRUCTION: APPLIED PRACTICES</td>
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</tbody>
</table>

**Course Descriptions**

**HORT 23 PLANT MATERIALS: CALIFORNIA 2 Units**

Formerly: HORT 51D
Advisory: Completion of, or concurrent enrollment in HORT 50A strongly recommended; not open to students with credit in HORT 51B.

1 hour lecture, 3 hours laboratory. (48 total hours per quarter.)
Not Repeatable.

Identification, taxonomy, habits of growth, cultural and environmental requirements of plants native to California. Emphasis on a wide variety of native species including trees, shrubs, ground covers, and herbaceous plants. Plants are observed in lab, on campus, and at off-site locations. This course is intended for students in the horticulture program but members of the public and professional community are welcome invited to enroll.

**HORT 52C HORTICULTURE PRACTICES: PLANT INSTALLATION & MAINTENANCE 3 Units**

Advisory: HORT 50A strongly recommended.

2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)
Not Repeatable.

Horticultural principles and practices for management of plants and gardens. Proper selection and maintenance of trees, shrubs, and ground covers. Fine gardening techniques used by landscape gardeners. Transplanting and planting containerized and boxed plant material. Preparation of planting areas and post-planting care of landscape plants. Techniques for pruning of various species. Operation of equipment and tools used in gardening. This course is required for Horticulture certificates and degrees, and is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

**HORT 52H HORTICULTURE PRACTICES: INTEGRATED PEST MANAGEMENT 3 Units**

Advisory: Completion of, or concurrent enrollment in HORT 50A strongly recommended.

2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)
Not Repeatable.


**HORT 54D LANDSCAPE CONSTRUCTION: APPLIED PRACTICES 2 Units**

Advisory: HORT 54A strongly recommended.

1 hour lecture, 3 hours laboratory. (48 total hours per quarter.)
Not Repeatable.

The practical application of landscape construction practices to actual projects. Emphasis on field work which may include the design and construction of landscape amenities, carpentry, paving, or wall projects. Training on motorized equipment, such as tractors and backhoes used in landscape construction. This course is an elective for Horticulture certificates and degrees, and is intended for students in the horticulture program but members of the public and professional community are welcome invited to enroll.

**HORT 60C LANDSCAPE DESIGN: IRRIGATION 3 Units**

Advisory: HORT 54C strongly recommended.

2.5 hours lecture, 1.5 hours laboratory. (48 total hours per quarter.)
Not Repeatable.

Principles of irrigation design for ornamental landscapes. Includes history of irrigation, advanced site analysis, irrigation design theory, equipment selection and layout, controller scheduling, long-term maintenance, and water conservation issues. Process of producing irrigation plans, details, and specifications. This course is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

**HORT 60D LANDSCAPE DESIGN: PLANTING 3 Units**

Advisory: HORT 40 & 60B or equivalent; HORT 21, 22 & 26 strongly recommended.

2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)
Not Repeatable.

The use of ornamental and native plant materials to express basic design principles in the landscape. Planting design theory as it applies to the aesthetic, cultural, ecological, and functional use of plant materials in the landscape. Graphics used for presenting planting designs. Special focus on the use of plants in garden designs. This course is an elective for Horticulture certificates and degrees, and is intended for students in the horticulture program but members of the public and professional community are invited to enroll.

**HORT 60G LANDSCAPE DESIGN: INTERMEDIATE COMPUTER APPLICATIONS 3 Units**

Advisory: HORT 40 and 45 strongly advised; CADD experience or training strongly advised; knowledge of computer operation strongly advised.

2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)
Not Repeatable.

Advanced use of Vectorworks as a landscape design and drafting tool. Topics covered include structuring of drawings using layers, improving drawing skills using tool commands and shortcuts, importing and rescaling pdfs for basemaps, importing images, creating viewports and sheet layers. Also covered will be customizing tool bars, expanding plant database, and importing/exporting/printing drawings. Introduction to three-dimensional drawing using Vectorworks and related programs. This course is an elective for Horticulture certificates and degrees, and is intended for students in the horticulture program but members of the public and professional community are invited to enroll if they have previous experience with computers and CADD programs.

**HORT 80 ENVIRONMENTAL HORTICULTURE SKILLS 2 Units**

6 hours laboratory. (72 total hours per quarter.)
May be taken four times for credit.

An extension of classroom instruction offering students the opportunity through a combination of practical field experience, independent research, student internship, and industry related educational opportunities to explore problems and required skills in the green industry. Introduction to the extensive number of career options available.

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<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Time</th>
<th>Activity</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>HORT 090L</td>
<td>PLANT PROPAGATION: BASIC SKILLS</td>
<td>1 Unit</td>
<td>.75 hours lecture, .5 hours laboratory. (15 total hours per quarter.)</td>
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<tr>
<td>HORT 090Q</td>
<td>RESIDENTIAL IRRIGATION SYSTEMS</td>
<td>1 Unit</td>
<td>.75 hours lecture, .5 hours laboratory. (15 total hours per quarter.)</td>
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<tr>
<td>HORT 090X</td>
<td>WATER CONSERVATION IN LANDSCAPE DESIGN</td>
<td>1 Unit</td>
<td>.75 hours lecture, .5 hours laboratory. (15 total hours per quarter.)</td>
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### HUMANITIES

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<tr>
<th>Course Number</th>
<th>Title</th>
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<th>Time</th>
<th>Activity</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>JAPN 1</td>
<td>ELEMENTARY JAPANESE I</td>
<td>5 Units</td>
<td>5 hours lecture. (60 total hours per quarter.)</td>
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<tr>
<td>JAPN 2</td>
<td>ELEMENTARY JAPANESE II</td>
<td>5 Units</td>
<td>5 hours lecture. (60 total hours per quarter.)</td>
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<tr>
<td>JAPN 3</td>
<td>ELEMENTARY JAPANESE III</td>
<td>5 Units</td>
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### JAPANESE

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<th>Location</th>
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<tbody>
<tr>
<td>HUMN 1A</td>
<td>HUMANITIES &amp; THE MODERN EXPERIENCE I</td>
<td>4 Units</td>
<td>4 hours lecture. (48 total hours per quarter.)</td>
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<tr>
<td>HUMN 1B</td>
<td>HUMANITIES &amp; THE MODERN EXPERIENCE II</td>
<td>4 Units</td>
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</table>

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out communicative tasks, and cultural skills in specific situations. Distinguishing formal and informal styles, and using honorifics. Making suppositions. Additional 120 Kanji pronunciation and recognition.

40467 JAPN-003A-01 LEC 09:00 AM-09:50 AM TTh RAKOW, IKUKO 6502
+ 41246 JAPN-003A-02 LEC 06:00 PM-06:15 PM MW SATO, KEIKO MC

JAPN 6 INTERMEDIATE JAPANESE III 5 Units
Prerequisite: JAPN 5.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Continuation of JAPN 5. Further development of intermediate-level grammatical structures and communicative tasks. Intensive and extensive oral and written drills, including 230 more Kanji, in idiomatic constructions. Composition, conversation and selected readings. Further competency in correct language usage in different socio-linguistic features of speech. Stating and supporting opinions on both concrete and abstract topics. Cultural skills to carry out tasks. Language laboratory practice.

40466 JAPN-006A-01 LEC 08:00 AM-08:50 AM MW RAKOW, IKUKO 6507
LEC 08:00 AM-08:50 AM F RAKOW, IKUKO 6507

JAPN 13A INTERMEDIATE CONVERSATION I 4 Units
Prerequisite: JAPN 3.
Advisory: May be taken concurrently with JAPN 4.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Speaking and listening experience in culturally appropriate ways. Special emphasis on correct perception and speaking, and familiarity with oral idioms and grammar as they differ from more formal written and literary uses. Development of critical thinking skills by comparing different viewpoints and different values of diverse cultures. Development of listening and speaking skills by exploring various forms of authentic materials, such as current news media, formal and informal conversations. Understanding ambiguities, vagaries, and value inherent in the target language.

40471 JAPN-013A-01Q LEC01:30 PM-03:20 PM TTh IIDA, KAZUKO 6306

JAPN 13B INTERMEDIATE CONVERSATION II 4 Units
Prerequisite: JAPN 13A.
Advisory: May be taken concurrently with JAPN 5.
4 hours lecture, 2 hours laboratory. (48 total hours per quarter.)
Not Repeatable.
Continuation of JAPN 13A. Speaking and listening experience in an environment of increasingly challenging language situation in culturally appropriate ways. Special emphasis on rapidity of correct perception and speaking, acquaintance with a variety of native dialects, and familiarity with oral idioms and grammar as they differ from more formal written and literary uses. Development of critical thinking skills by comparing different viewpoints and different values of diverse cultures. Development of listening and speaking skills by exploring various forms of authentic materials, such as current news media, political speech, and debates. Stating and supporting opinions on various topics. Understanding ambiguities, vagaries, and value inherent in the target language.

40473 JAPN-013B-01Q LEC01:30 PM-03:20 PM TTh IIDA, KAZUKO 6306

JAPN 14A ADVANCED CONVERSATION I 4 Units
Prerequisite: JAPN 13B.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Development of fluency in the oral/aural language, and cultural skills required in socio-linguistic functions, i.e., honorifics, in-group/out-group, male/female, and formal/informal expressions. Development of critical thinking skills by comparing different viewpoints and different values of diverse cultures. Development of listening and speaking skills by exploring various forms of authentic materials, such as current news media, political speech, debates, and drama. Stating and supporting opinions on various topics, including abstract concepts. Understanding and appreciating ambiguities, vagaries, and value inherent in the target language.

40474 JAPN-014A-01Q LEC01:30 PM-03:20 PM TTh IIDA, KAZUKO 6306

JAPN 14B ADVANCED CONVERSATION II 4 Units
Prerequisite: JAPN 14A.
Advisory: May be taken concurrently with JAPN 6.
4 hours lecture. (48 total hours per quarter.)
Not Repeatable.
Continuation of JAPN 14A. Development of advanced level of oral/aural fluency in the language, and cultural skills required in socio-linguistic functions. Stating and supporting opinions on complex, abstract topics. Analyzing and hypothesizing. Understanding cultural differences, persuading, negotiating, and giving speech in formal settings. Development of critical thinking skills by comparing different viewpoints and different values of diverse cultures. Development of listening and speaking skills by exploring various forms of authentic materials, such as current news media, debates on various issues, and drama.

40475 JAPN-014B-01Q LEC01:30 PM-03:20 PM TTh IIDA, KAZUKO 6306

JAPN 192 COMMUNITY SERVICE LEARNING FOR JAPANESE 1 Unit
Prerequisite: JAPN 6 or equivalent.
1 hour lecture. (12 total hours per quarter.)
May be taken six times for credit.
For students who desire training in experiential learning as community volunteers in Japanese language courses offered at Foothill College. The students enrolled in this course will assist the instructor as in-class Japanese language tutors.

40470 JAPN-192-01 LEC01:00 AM-01:50 AM TTH RAKOW, IKUKO 6601

LANGUAGE ARTS

Language Arts (650) 949-7250 www.foothill.edu/la/

L A 111A PASS THE TORCH TEAM LEADER TRAINING I 1 Unit
Prerequisites: An earned “A” or “B+” grade with instructor recommendation in one of the following courses: ESLL 25, 26; ENGL 1S and 1T; ENGL 1A, 1AH, 1B, 1BH, 1C or 1CH.
One hour lecture. (12 total hours per quarter.)
Not Repeatable.
Training in team leading skills necessary for assisting a member in the Pass the Torch Program, including study skills, college policies, professionalism, ethics, and role modeling of successful student behavior. Techniques of subject-specific tutoring skills. Practice of these skills through sample student work and, when applicable, content-specific suggestions from the member’s instructor. Intended for students matched in a Pass the Torch English or ESLL Study team for the first time.

41234 L A -111A-01Q LEC01:40 PM-02:30 PM TTH LEWIS, BRIAN 6305
41236 L A -111A-02Q LEC01:00 PM-01:50 PM W LEWIS, BRIAN 6305
41237 L A -111A-03Q LEC01:00 AM-01:50 AM TTH LEWIS, BRIAN 6409

L A 111B PASS THE TORCH TEAM LEADER TRAINING II 1 Unit
Prerequisites: Successful completion of LA 111A, and an earned “A” or “B+” grade with instructor recommendation in one of the following courses: ESLL 25, 26; ENGL 1S and 1T; ENGL 1A, 1AH, 1B, 1BH, 1C or 1CH.
One hour lecture. (12 total hours per quarter.)
Not Repeatable.
Advanced training in team leading skills necessary for assisting a member in the Pass
ADOBE PHOTOSHOP OVERVIEW

SLIDE PRESENTATION DESIGN

UNIT 1

UNIT 2

UNIT 1

.5 UNIT

ADOBE ILLUSTRATOR OVERVIEW

MICROSOFT EXCEL I

LEARNING IN NEW MEDIA CLASSROOMS

Fine Arts & Communication  (650) 949-7498  www.foothill.edu/kci/linc/

For complete course descriptions, access www.foothill.edu/KCI/linc/

LINC 58  GLOBAL PROJECT-BASED LEARNING  2 Units

Formerly: LINC 224

Advisory: Basic computer skills and knowledge of Macintosh or Windows operating systems; basic skills and knowledge using Web browsers, email, bookmarking, searching, and downloading; not open to students with credit in LINC 224.

Two hours lecture. (24 total hours per quarter.)

Not Repeatable.

This course is for educators (K-14) who want to develop understanding and competencies in using the 21st century skills strategy of global project-based learning to create powerful, culturally diverse learning environments. Teachers and students connect globally via Internet telecommunications software to work collaboratively on curriculum-based, real-world projects. Participants will create a project that engages students in learning curricular content.

LINC 73  ADOBE PHOTOSHOP I

.5 Units

Formerly: LINC 230

Advisory: Appropriate skills and abilities with computer systems and internet technologies; enrollment is limited to six times within the LINC 73 group.

.5 hours lecture. (6 total hours per quarter.)

May be taken six times for credit.

This short course is designed for educators and includes hands-on experiences that integrate digital imaging with teaching and learning. Emphasis is given to creating student-centered projects or activities using Photoshop. Learn to enhance image color and contrast, touch-up photos, create collages that tell stories, design layouts with the paint tools, manipulate and enhance text to create unique typographic effects, while creating student-centered projects.

LINC 73A  ADOBE PHOTOSHOP I

.5 Units

Formerly: LINC 230A

Advisory: Appropriate skills and abilities with computer systems and internet technologies; enrollment is limited to six times within the LINC 73 group.

.5 hours lecture. (6 total hours per quarter.)

May be taken six times for credit.

This short course is designed for educators and includes hands-on experiences that integrate digital imaging with teaching and learning. Emphasis is given to creating student-centered projects or activities using Photoshop. Learn to enhance image color and contrast, touch-up photos, create collages that tell stories, design layouts with the paint tools, manipulate and enhance text to create unique typographic effects, while creating student-centered projects.

LINC 73H  ADOBE ILLUSTRATOR OVERVIEW

1 Unit

Formerly: LINC 233

Advisory: Proficiency in a Mac or Windows operating system, software conventions, and internet technologies; students may enroll in LINC 73H or 73J, but not both, for credit; enrollment is limited to six times within the LINC 73H, 73J & 73G group.

1 hour lecture. (12 total hours per quarter.)

Not Repeatable.

Adobe Illustrator creates drawings, illustrations, and images for print or Web. Use vector graphics; draw objects, stroke outlines and pattern fills; work with brushes, gradients, color blends; design type; and develop graphs.

LINC 73I  ADOBE ILLUSTRATOR I

.5 Units

Formerly: LINC 233S

Advisory: Familiarity with PC or Mac; Enrollment is limited to six times within the LINC 73H, 73J & 73G group.

.5 hours lecture. (6 total hours per quarter.)

May be taken six times for credit.

This course is an introduction to educational technology in the classroom. Adobe Illustrator is a software drawing tool. This class will provide hands-on experience with the basic elements and tools of Adobe Illustrator to produce one-page illustrations.

LINC 76C  CREATING WEB QUESTS

2 Units

Formerly: LINC 202

Advisory: Familiarity with PC or Mac; basic internet skills; enrollment is limited to six times within the LINC 76 group.

2 hours lecture. (24 total hours per quarter.)

May be taken six times for credit.

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### SPRING QUARTER 2013 COURSES

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<td>LINC 90B</td>
<td>LEC</td>
<td>090B-01W</td>
<td>OPEN EDUCATION RESOURCES</td>
<td>1 Unit</td>
<td>TBA</td>
<td>BRITT, GAYLE</td>
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<tr>
<td>LINC 90B</td>
<td>LEC</td>
<td>090B-01W</td>
<td>OPEN EDUCATION RESOURCES</td>
<td>1 Unit</td>
<td>TBA</td>
<td>DAVIS, JANET</td>
<td>TBA</td>
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<tr>
<td>LINC 98</td>
<td>LEC</td>
<td>098-01</td>
<td>TEACHING &amp; LEARNING IN THE DIGITAL AGE</td>
<td>1 Unit</td>
<td>TBA</td>
<td>ULLAH, LINDA</td>
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**MATHEMATICS**

- **Physical Sciences, Mathematics & Engineering**
  
  (650) 949-7259
  www.foothill.edu/psme/

  - MATH 1A: Prerequisite: Satisfactory score on the mathematics placement test or MATH 49 or 48C.
    Advisory: Eligibility for ENGL 1A or ESLL 26.
    5 hours lecture, (60 total hours per quarter.) Not Repeatable.
    Please look under the non-credit courses.

  - MATH 1B: Prerequisite: MATH 1A.
    Advisory: Eligibility for ENGL 1A or ESLL 26.
    5 hours lecture, (60 total hours per quarter.) Not Repeatable.
    Additional costs for online materials or content in place of or in addition to a textbook may be required.

- **MATH 300:** is now NCBS 401A and 401B.

- **MATH 1A: CALCULUS**
  
  Prerequisite: Satisfactory score on the mathematics placement test or MATH 49 or 48C.
  Advisory: Eligibility for ENGL 1A or ESLL 26.
  5 hours lecture, (60 total hours per quarter.) Not Repeatable.

- **MATH 1B: CALCULUS**
  
  Prerequisite: MATH 1A.
  Advisory: Eligibility for ENGL 1A or ESLL 26.
  5 hours lecture, (60 total hours per quarter.) Not Repeatable.

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MATH 1C  
**CALCULUS**  
Prerequisite: MATH 1B.
Advisory: Eligibility for ENGL 1A or ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to functions of more than one variable, including vectors, partial differentiation, the gradient, contour diagrams and optimization. Additional topics include infinite series, convergence and Taylor series.

- 40281 MATH-001C-01 LEC 08:00 AM-09:50 AM MW PARK LEE, YOUNG HEE 5501
  MATH-001C-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
- 40282 MATH-001C-02 LEC 10:00 AM-11:50 AM MW LECH MATH-001C-02: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
- 40283 MATH-001C-03 LEC 10:00 AM-11:50 AM MW STAFF, M
  MATH-001C-03: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
- 40284 MATH-001C-04 LEC 10:00 AM-11:50 AM MWpark lee, young hee 5501
  MATH-001C-04: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
- 40285 MATH-001C-05 LEC 10:00 AM-11:50 AM MWpark lee, young hee 5501
  MATH-001C-05: TI-83 or TI-83 plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

MATH 1D  
**CALCULUS**  
Prerequisite: MATH 1C.
Advisory: Eligibility for ENGL 1A or ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to integration of functions of more than one variable, including double, triple, flux and line integrals. Additional topics include polar, cylindrical and spherical coordinates, parameterization, vector fields, path-independence, divergence and curl.

- 40286 MATH-001D-01 LEC 10:00 AM-11:50 AM MW PARK LEE, YOUNG HEE 4604
  MATH-001D-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

MATH 2A  
**DIFFERENTIAL EQUATIONS**  
Prerequisite: MATH 1C.
Advisory: Eligibility for ENGL 1A or ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Differential equations and selected topics of mathematical analysis.

- 40287 MATH-002A-01 LEC 08:00 AM-09:50 AM MW MATH-002A-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
- 40288 MATH-002A-02 LEC 08:00 AM-09:50 AM MW MATH-002A-02: TI-83 or TI-83 plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

MATH 2B  
**LINEAR ALGEBRA**  
Prerequisite: MATH 1C.
Advisory: Eligibility for ENGL 1A or ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
A first course in Linear Algebra, including systems of linear equations, matrices, linear transformations, determinants, abstract vector spaces, eigenvalues and eigenvectors, inner product spaces and orthogonality, and selected applications of these topics.

- 41284 MATH-002B-01 LEC 08:00 AM-09:50 AM TTH SAWKA, JOHN 4301
  MATH-002B-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.
- 40289 MATH-002B-02 LEC 08:00 AM-09:50 AM F SAWKA, JOHN 4301
  MATH-002B-02: TI-83 or TI-83 plus Graphing Calculator required. Additional costs for online materials or content in place of or in addition to a textbook may be required.

MATH 10  
**ELEMENTARY STATISTICS**  
Prerequisite: Satisfactory score on the mathematics placement test or MATH 105 or 108.
Advisory: Eligibility for ENGL 1A or ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
An introduction to modern methods of descriptive statistics, including collection and presentation of data; measures of central tendency and dispersion; probability; sampling distributions; hypothesis testing and statistical inference; linear regression and correlation; analysis of variance; use of microcomputers for statistical calculations. Illustrations taken from the fields of business, economics, medicine, engineering, education, psychology, sociology and from culturally diverse situations.

- 40290 MATH-010.-01 LEC 08:00 AM-09:50 AM MATH-010.-01: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details.
  MATH-010.-02 LEC 08:00 AM-09:50 AM AMF MATH-010.-02: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details.
  MATH-010.-03 LEC 08:00 AM-09:50 AM FRANCISCO, MARNIE 4221
  MATH-010.-04 LEC 08:00 AM-09:50 AM AMF MATH-010.-04: TI-83/83-plus or TI-84/84-plus Graphing Calculator required. Some sections may use online content in place of, or in addition to a textbook. Please contact the instructor for details.

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<td>4203</td>
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</table>

Additional costs for online materials or content in place of or in addition to a textbook may be required.

MATH 11  FINITE MATHEMATICS  5 Units
Prerequisite: Satisfactory score on the placement test or MATH 105 or 108.
Advisory: Eligibility for ENGL 1A or ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

MATH 12  CALCULUS FOR BUSINESS & ECONOMICS  5 Units
Prerequisite: MATH 48A.
Advisory: Eligibility for ENGL 1A or ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

MATH 22  DISCRETE MATHEMATICS  5 Units
Prerequisite: Satisfactory score on the mathematics placement test or MATH 49 or 48C.
Advisory: Not open to students with credit in CIS 18; eligibility for ENGL 1A or ESLL 26.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

MATH 48A  PRECALCULUS I  5 Units
Prerequisite: Satisfactory score on the mathematics placement test or MATH 105 or 108.
Advisory: Eligibility for ENGL 1A or ESLL 26; UC credit for MATH 48A, B & C is limited to a maximum of 7.5 units for the combination or any portion of the series completed.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

MATH 48B  PRECALCULUS II  5 Units
Prerequisite: MATH 48A.
Advisory: Eligibility for ENGL 1A or ESLL 26; UC credit for MATH 48A, B & C is limited to a maximum of 7.5 units for the combination or any portion of the series completed.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

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<th>Location</th>
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<tr>
<td>MATH 048B</td>
<td>INTERMEDIATE ALGEBRA</td>
<td>5</td>
<td>LEC</td>
<td>09:00 AM-09:50 AM F</td>
<td>TTh MUDGE, RACHEL</td>
<td>4302</td>
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MATH 105 (5 Units)
Prerequisite: Satisfactory score on the mathematics placement test or MATH 220 or 224.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

MATH 106 (5 Units)
Prerequisite: MATH 105.
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.

MATH 107 (5 Units)
Prerequisite: Satisfactory score on the mathematics placement test or MATH 220, 230 & 234.
10 hours lecture. (120 total hours per quarter.)
Not Repeatable.

MATH 108 (10 Units)
Prerequisites: Satisfactory score on the mathematics placement test or successful completion of MATH 230, 230J & 234.
10 hours lecture. (120 total hours per quarter.)
Not Repeatable.

MATH 220 (5 Units)
Prerequisites: Satisfactory score on the mathematics placement test; MATH 230, 230J & 234.

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## Spring Quarter 2013 Courses

### MATH 230 PREPARING FOR ALGEBRA: LINEAR EQUATIONS, PROPORTIONS & GEOMETRY
6 Units

**Course Number**
- CRN: 40356
- Title: MATH-230J-01
- Activity: LEC
- Time: 10:00 AM-11:50 AM
- Instructor: MUNOZ, SARAH
- Location: MW

**MATH-230J-01**
- Title: Preparing for Algebra
- Credits: 3
- Description: Development and applications of percents and geometric concepts. Review of addition, subtraction, multiplication and division of whole numbers, fractions, decimals, and signed numbers. Review of algebraic concepts including solving first-degree equations and evaluating and simplifying expressions, and applications of ratios and proportions.

### MATH 235 PREPARING FOR ALGEBRA: REAL NUMBERS
6 Units

**Course Number**
- CRN: 40988
- Title: MATH-235J-01
- Activity: LEC
- Time: 09:00 AM-09:50 AM
- Instructor: WONG, WINNIE
- Location: TThF

**MATH-235J-01**
- Title: Preparing for Algebra
- Credits: 4
- Description: Preparation for Algebra: Real Numbers. Satisfactory score on the placement exam or completion of NCBS 401b.

### MDIA 11 INTRODUCTION TO POPULAR CULTURE
4 Units

**Course Number**
- CRN: 41620
- Title: MDIA-011-01Y
- Activity: LEC
- Time: 10:00 AM-11:50 AM
- Instructor: HARTWELL, ROBERT
- Location: MW

**MDIA-011-01Y**
- Title: Introduction to Popular Culture
- Credits: 4
- Description: Overview of history and critical analysis of popular culture as a window for understanding American society. Theories and methods of analyzing artifacts of popular culture. Overarching themes: 1) history/social theories of popular culture; 2) popular culture as a product of American multiculturalism; 3) the relationship between commodity culture and intellectual/artistry; 4) philosophical/ethical issues surrounding popular culture.

### Music

#### MUS 1 INTRODUCTION TO MUSIC
4 Units

**Course Number**
- CRN: 41606
- Title: MDIA-011-04W
- Activity: LEC
- Time: 09:00 AM-10:50 AM
- Instructor: THORNTON, KAY
- Location: MW

**MDIA-011-04W**
- Title: Introduction to Music
- Credits: 4
- Description: A study of Western music and its place in civilization. Selected listening and readings from the historical development of Western music from ancient times to the present day. The course will cover basic musical concepts and elements, music history, and analysis of musical forms and styles.

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**Foothill College • Spring Quarter 2013**
the masterpieces of music of Europe and the Western Hemisphere with an emphasis on methods of comprehension, listening techniques, the elements of music, primary musical forms, and a wide range of concert repertoire. Includes a study of how social, political, philosophical, and other artistic developments outside of music influenced compositional thinking and how these were integrated into the different periods of Western musical history. A variety of media consisting of slides, videos, recordings, and lecture will be used. Live performance used when possible.

Course Number | Title | Units | Activity | Location
---|---|---|---|---
40439 | MUS -001.-01Y | 4 | LEC | TBA
40440 | MUS -001.-02W | 4 | LEC | TBA
41478 | MUS -001.-03W | 4 | LEC | TBA
40456 | MUS -002C-01Y | 4 | LEC | TBA
41445 | MUS -002C-02W | 4 | LEC | TBA

MUS 2C GREAT COMPOSERS & MUSIC MASTERPIECES OF WESTERN CIVILIZATION
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.) Not Repeatable.

Introduction to the great composers and music masterpieces of Western culture. Includes composer biographies with emphasis on how composers synthesize or transform the aesthetic ideals of their time. Examines how their music reflects their own lives as well as mirrors contemporary social, political, and religious events. Historical periods are mid-19th Century Romanticism through the present. Composers include Schumann, Chopin, Mendelssohn, Brahms, Berlioz, Liszt, Tchaikovsky, Mussorgsky, Strauss, Verdi, Wagner, Bizet, Debussy, Ravel, Ives, Copland, Bartok, Ber, Webern, Stravinsky, Copland, Vanace, Babbitt, Cage, Crumb, Ligeti, Penderecki, Reich, Glass and Adams. This course is required for music majors but is also designed for students who have no background in music but are interested in classical music.

Course Number | Title | Units | Activity | Location
---|---|---|---|---
40466 | MUS -002D-01W | 4 | LEC | TBA

MUS 2D WORLD MUSIC: ROOTS TO CONTEMPORARY GLOBAL FUSION
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.) Not Repeatable.

A survey of world music styles from their roots in the ethnic traditions of a specific culture through their evolution into new forms that retain vitality and relevance in contemporary society. Traces the elements that make each style distinctive from a purely musical perspective as well as the social, historical, and cultural context that shaped each style's development. Styles include salsa, reggae, ska, Celtic, Fado, klezmer, South African Township, High Life, sou kous, Bollywood (films), Chutney, Cajun, zydeclo, and Hawaiian Slack-Key Guitar. This course is required for music majors but is also designed for students who have no background in music but are interested in world music.

Course Number | Title | Units | Activity | Location
---|---|---|---|---
41738 | MUS -003C-01 | 5 | LEC | TBA
41274 | MUS -003C-02W | 5 | LEC | TBA

MUS 7D CONTEMPORARY MUSICAL STYLES: THE BEATLES IN THE CULTURE OF POPULAR MUSIC
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.) Not Repeatable.

Continuation of late chromatic harmony and 20th Century compositional practice and theory. Application to composition and music literature. Impressionism, atonality, set theory, twelve-tone technique, graphic notation, and minimalism. Includes a study of how social, political, philosophical, and other artistic developments outside of music influenced compositional thinking and how these were integrated into Impressionism and Modernism in Western musical theory.

Course Number | Title | Units | Activity | Location
---|---|---|---|---
41740 | MUS -007D-01W | 4 | LEC | TBA

MUS 8 MUSIC OF MULTICULTURAL AMERICA
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.) Not Repeatable.

Advisory: Not open to students with credit in MUS 6H.
### Spring Quarter 2013 Courses

**MUS 8H**

**HONORS MUSIC OF MULTICULTURAL AMERICA**

- **Prerequisite:** Honors Institute participant.
- **Advisory:** Not open to students with credit in MUS 8.
- **4 units**
- **4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)**

**MUS 9A**

**MUSIC & MEDIA: EDISON TO HENDRIX**

- **4 units**
- **Formerly: MUS 85A**
- **Advisory:** Not open to students with credit in MUS 85 or 85A.
- **4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)**
- **Not Repeatable.**

Introductory study of the history and development of popular music from the inception of recording through the first televised performances of the Beatles in the U.S. Development of media delivery including recording, radio, television, and how those delivery systems changed both the content of music, and its use by the public. The influence of media on the development of styles such as jazz, swing, country, rockabilly and rock and roll, including societal changes brought about by media delivery of music and how it became associated with graphic imagery such as television and cinema.

**MUS 9B**

**MUSIC & MEDIA: HENDRIX TO HIP-HOP**

- **4 units**
- **Formerly: MUS 85B**
- **Advisory:** Not open to students with credit in MUS 85B.
- **4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)**
- **Not Repeatable.**

Introductory study of the history and development of popular music from 1964 through the present in the U.S. The class will examine the development of media delivery systems after The Beatles’ first appearances on television through the growth of rock and alternative styles. Styles and artist to be studied are such as punk, ska, the rise of hip hop culture, examining artists such as Jimi Hendrix, Pink Floyd, David Bowie, Frank Zappa, Prince, The Police, Chuck D. and others. The class will study the development and growth of music videos as an art form and the delivery/promotional systems developed for them such as MTV.

**MUS 10**

**MUSIC FUNDAMENTALS**

- **4 units**
- **4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)**
- **Not Repeatable.**

Music Fundamentals is a beginning theory course where the basic elements of musicianship and harmony are explored through lecture, listening, and written assignments. Rudiments of music like pitch, rhythm, harmony, style, and form will be examined as rock and roll is analyzed through classical music theory.

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### Spring Quarter Courses

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 11A</td>
<td>JAZZ &amp; SWING</td>
<td>4 Units</td>
</tr>
<tr>
<td>MUS 11B</td>
<td>FUNK, FUSION &amp; HIP-HOP</td>
<td>4 Units</td>
</tr>
<tr>
<td>MUS 12A</td>
<td>BEGINNING CLASS PIANO</td>
<td>2 Units</td>
</tr>
<tr>
<td>MUS 12B</td>
<td>INTERMEDIATE CLASS PIANO</td>
<td>2 Units</td>
</tr>
<tr>
<td>MUS 13A</td>
<td>CLASS VOICE I</td>
<td>2 Units</td>
</tr>
<tr>
<td>MUS 13B</td>
<td>CLASS VOICE II</td>
<td>2 Units</td>
</tr>
</tbody>
</table>

#### MUS 11A: JAZZ & SWING
- 4 Units
- Not Repeatable
- Advisory: Not open to students with credit in MUS 64A.
- Four hours lecture, one hour laboratory. (60 total hours per quarter.)

#### MUS 11B: FUNK, FUSION & HIP-HOP
- 4 Units
- Not Repeatable
- Advisory: Not open to students with credit in MUS 64B.
- Four hours lecture, one hour laboratory. (60 total hours per quarter.)

#### MUS 12A: BEGINNING CLASS PIANO
- 2 Units
- Advisory: Concurrent enrollment in MUS 10.
- Two hours lecture, one hour laboratory. (36 total hours per quarter.)
- May be taken twice for credit.

#### MUS 12B: INTERMEDIATE CLASS PIANO
- 2 Units
- Advisory: MUS 12A or equivalent skills.
- Two hours lecture, one hour laboratory. (36 total hours per quarter.)
- May be taken twice for credit.

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### Course Schedule

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
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<tbody>
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<td>40463 MUS -012B-01</td>
<td>LEC</td>
<td>12:00 AM-11:50 AM</td>
<td>MW</td>
<td>RAY, EMILY</td>
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<td>1402</td>
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<td>40494 MUS -012C-03</td>
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<tr>
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Foothill College • Spring Quarter 2013
CAREERS IN MUSIC

ADVANCED CLASSICAL GUITAR
4 Units

INTERMEDIATE ACOUSTIC
BEGINNING ACOUSTIC

Foothill College • Spring Quarter 2013 Courses

MUS 14A  BEGINNING CLASSICAL GUITAR  2 Units
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
A guitar fundamentals course that places emphasis on reading standard notation in the first position. Techniques such as rest stroke, free stroke, and correct left hand position are covered. Fundamental exercises and pieces will be played by the student in class as the instructor provides accompaniment. Includes an overview of the literature and the major performers of the classical guitar. No public performances are required.

MUS 14B  INTERMEDIATE CLASSICAL GUITAR  2 Units
Advisory: MUS 14A
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
Continuation of MUS 14A. Covers more advanced techniques for the right and left hands. Includes reading standard notation up to the 5th position. Increased emphasis is placed on solo guitar literature in addition to ensemble literature. No public performances are required.

MUS 15A  BEGINNING ACOUSTIC GUITAR TECHNIQUES  2 Units
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
A pathway-based course in beginning guitar (nylon, steel, or electric guitar) with a concentration on folk music. Traditional and popular songs will be used to demonstrate the development of right and left hand techniques. Standard music notation, tablature, and chord symbols will be presented and students can choose instrumental or popular vocal selections to play.

MUS 15B  INTERMEDIATE ACOUSTIC GUITAR TECHNIQUES  2 Units
Prerequisite: MUS 15A or equivalent.
2 hours lecture, 1 hour laboratory. (36 total hours per quarter.)
Not Repeatable.
Development of traditional finger-picking style playing and picking techniques. Solo and ensemble performance on an intermediate level. Emphasis on reading traditional notation, chord symbols and tablature.

MUS 50A  MUSIC BUSINESS  4 Units
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.
Study of legal and business aspects of the music industry. Emphasis on publishing, licensing, and promotion. Copyright law, interaction between songwriters and music publishers, record companies, distributors and the rules that govern them. How music is licensed, service marks, trademarks and patents. The role of lawyers, agents, personal managers, producers and promoters. Licensing and copyright of intellectual properties in the growing multimedia industry and the internet. Synchronization of music in film, video and television. Career development and how major/independent labels market and distribute media.

MUS 50B  ENTERTAINMENT LAW & NEW MEDIA  4 Units
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
May be taken three times for credit.
In-depth study and discussion of entertainment law as it applies to the emerging new media market and the music industry. Internet sales and distribution for new media, file sharing, licensing for the web, and digital copyright considerations. Promotional packages, web site development, delivery systems, career promotion strategies, contracts and touring. In-depth analysis of contracts and regulations/potential of the independent media production company, record label, or online retail site. Sampling licenses/international copyright law and publishing.

MUS 50C  CAREERS IN MUSIC  4 Units
Formerly: MUS 65
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
May be taken three times for credit.
An overview of the music industry and its career opportunities. Areas of study include studio management and engineering, music merchandising on the local and national levels, artist promotion, concert promotion, concert management, music contracting, graphic support in music recording, the role of the agent/personal manager, technical support in electronic music, technical support in traditional music, video and film production and editing, instrument maintenance and repair, and music retailing. Guest lectures from local industry professionals, field trips to studios, production facilities and retail facilities.

MUS 58A  SONGWRITER’S WORKSHOP I  3.5 Units
2 hours lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)
### SPRING QUARTER 2013 COURSES

**Not Repeatable.**

Workshop course for beginning songwriters that focuses on basic songwriting styles and techniques. Over the course of the different songwriting basic methods are presented. Students are assigned weekly songwriting projects. Class is appropriate for basic levels of songwriting competency.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title Activity</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
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<tr>
<td>41025 MUS -058A-01Y</td>
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<td>4</td>
<td>BRUNO, JAMES</td>
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<td>LAB 09:00 PM-09:50 PM</td>
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<tr>
<td><strong>MUS -058A-01Y:</strong> Hybrid class, 3 additional weekly TBA hours via online instruction</td>
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<td>41029 MUS -058A-02W</td>
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<tr>
<td><strong>MUS -058A-02W:</strong> Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.</td>
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</table>

### MUS 50BSONGWRITER’S WORKSHOP II

2 hours lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)

**Not Repeatable.**

Workshop course for intermediate songwriters that focuses on contemporary and songwriting methodology. Over the course of the different songwriting components and structures are presented. Students are assigned weekly songwriting projects and are expected to submit finished songs with all the necessary components. Course includes analytical listening and discussion of various songwriting styles. Class is appropriate for medium levels of songwriting competency.

<table>
<thead>
<tr>
<th>Course Number</th>
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<th>Units</th>
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<td>LAB 09:00 PM-09:50 PM</td>
<td>BRUNO, JAMES</td>
<td>1401</td>
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<tr>
<td><strong>MUS -058B-01Y:</strong> Hybrid class, 3 weekly TBA hours via online instruction</td>
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<tr>
<td>41030 MUS -058B-02W</td>
<td>LEC TBA</td>
<td>3.5</td>
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<td>ONLINE</td>
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<td>LAB TBA TBA</td>
<td>BRUNO, JAMES</td>
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<tr>
<td><strong>MUS -058B-02W:</strong> Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.</td>
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</table>

### MUS 50CSONGWRITER’S WORKSHOP III

2 hours lecture, 1 hour lecture-laboratory, 3 hours laboratory. (72 total hours per quarter.)

**Not Repeatable.**

Workshop course for advanced songwriters that focuses on higher-level topics such as Self Criticism, Rewriting and Co-Writing. Course includes demonstrations of the practical use of technique and an understanding of the works of the most accomplished professional songwriters. Class is appropriate for Advanced levels of songwriting competency.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title Activity</th>
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<td><strong>MUS -058C-02W:</strong> Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.</td>
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### MUS 60B PRODUCING IN THE HOME STUDIO II

4 hours lecture, 2 hours laboratory. (72 total hours per quarter.)

May be taken three times for credit.

In-depth operation of an audio/video recording studio in a small environment. Microphone selection and placement, creative sound treatments in non-traditional environments, and application of plug-in effects. Use of auxiliary tracks and busses. Mixing and mastering in various digital formats.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title Activity</th>
<th>Units</th>
<th>Instructor</th>
<th>Location</th>
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<td><strong>MUS -060B-01W:</strong> Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.</td>
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### MUS 60AINTRODUCTION TO DIGITAL AUDIO: PRO TOOLS

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

May be taken six times for credit.

Introduction to creating music with computers, keyboards and audio samples (beats) using Pro Tools. Basic principles and use of MIDI sequencing/audio software. Songwriting, musical composition, and the basic elements of music (pitch, rhythm, harmony, style and form) as they relate to contemporary music. Basic music production using Pro Tools. All styles are included, and prior musical training is not required.

<table>
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<td><strong>MUS -066A-02W:</strong> Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.</td>
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### MUS 66BREASON & PRO TOOLS

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

May be taken six times for credit.

Creating and editing digital audio with Pro Tools and Reason. Introduction to Reason's virtual instruments including Dr. Rex, Subtractor, Malstrom, Thor, Redrum and NN-XT. Songwriting, musical composition, and the basic elements of music (pitch, rhythm, harmony, style and form) as they relate to contemporary music. Introduction to synthesis and digital sample technologies. Integrate Reason and Pro Tools using ReWire, Pro Tools MIDI editor and the Pro Tools mixer.

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<thead>
<tr>
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<td><strong>MUS -066B-01Y:</strong> Hybrid class. 3 additional weekly TBA hours via online instruction</td>
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### MUS 66DMUSICAL THINKING: MAKING MUSIC WITH THE APPLE IOS

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

Study of music creation applications and practices on Apple iOS-based devices (iPod Touch, iPhone, iPad). Primary emphasis on music sequencing, music performance, audio distribution and music theory. Secondary emphasis on audio sampling, recording and mixing. iOS-compatible audio, MIDI and video interfaces. USB and wireless syncing, Inter-app protocols such as AudioCopy/AudioPaste and Virtual MIDI.

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<td><strong>MUS -066D-01W:</strong> Offered via Internet. After registering, you must refer to course descriptions at <a href="http://www.foothill.edu/fga/">www.foothill.edu/fga/</a> for information on how to begin.</td>
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</table>
### RECORDING STUDIO BASICS

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

May be taken six times for credit.

Introduction to fundamental concepts and techniques of mixing boards, amplifiers, microphones, signal processors and their application to both live and studio sound reinforcement. Basic introduction to computer based recording with Avid Pro Tools HD systems. Microphone placement, physics of sound as it relates to recording, sound reinforcement and studio setup techniques.

### SOUND DESIGN FOR FILM & VIDEO

3 hours lecture, 1.5 hours laboratory. (54 total hours per quarter.)

May be taken four times for credit.

Creating and editing soundtracks and audio for digital video, music video and film. Recording live sound, and integrating sound effects from a digital library. Dialogue editing and re-recording (looping), and musical soundtrack creation. Synchronization of audio to video using timeline, aesthetic quality of sound and music as it relates to video content, and the production of video/audio projects using Final Cut Pro/Avid Media Composer and Pro Tools.

### PRO TOOLS 101: INTRODUCTION

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Introduction to Pro Tools with Avid Certification training material. Basic audio editing tools and techniques, plug-ins and mixing in the Pro Tools environment. Build sessions that include multitrack recordings of live instruments, MIDI sequences, virtual instruments, audio loops and beats. Practical experience with examples from major label recording artists and feature films. Understanding menus, windows, preferences and system configurations for Pro Tools in home studios and professional facilities. Intro to automation, dialog editing and audio post production for film and video. Required for Avid Pro Tools Certification.

### PRO TOOLS 101: INTRODUCTION TO PRO TOOLS

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Introduction to Pro Tools with Avid Certification training material. Basic audio editing tools and techniques, plug-ins and mixing in the Pro Tools environment. Build sessions that include multitrack recordings of live instruments, MIDI sequences, virtual instruments, audio loops and beats. Practical experience with examples from major label recording artists and feature films. Understanding menus, windows, preferences and system configurations for Pro Tools in home studios and professional facilities. Intro to automation, dialog editing and audio post production for film and video. Required for Avid Pro Tools Certification.

### PRO TOOLS & GAME AUDIO

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Recording, editing and mastering sound for games and interactive multimedia. Working with dialog, scripts, sound effects, Foley, ambient backgrounds, loops, elastic audio, tempo matching, digital processing and plug-ins. Producing game music, layering, splicing, mixing cinematic audio. Deliver game audio formats to commercial players and end users. Hands-on experience with professional examples of game audio production soundtracks and workflows including Sony Computer Entertainment and Microsoft Game Studios. Part of Avid Pro Tools Certification training program.

### PRO TOOLS 310M: ADVANCED MUSIC PRODUCTION TECHNIQUES

2 hours lecture, 2 hours lecture-laboratory, 3 hours laboratory. (84 total hours per quarter.)

Not Repeatable.

Advanced operation of Pro Tools in a professional music production environment. Audio recording, editing, MIDI, virtual instruments, final mix down, automation and mastering techniques. Integration of Pro Tools shortcuts and equipment configurations for increased efficiency in recording studio facility workflows. Hands-on experience with examples from major label recording artists, producers and mix engineers. Successful completion achieves Avid Pro Tools Expert Level Music Certification.

### INTRODUCTION TO MUSIC THERAPY

4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)

Not Repeatable.

Introduction to the field of music therapy and the creative powers of sound. Survey the history of the American Music Therapy Association as applied by practicing music therapists. Study diverse styles of music including classical, jazz, blues, pop, hip-hop, new age and world music used as a transformative force to enhance social, emotional, educational, behavioral development and pain management. Apply music therapy concepts to compose and produce original music. Develop music making skills with drumming, group songwriting, lyric analysis, guided relaxation, movement, improvisation and original compositions integrated with the latest music software technologies including Pro Tools and Virtual Instruments. Study prevention of injury and maintenance of health for musicians and performing artists. Survey careers in the music therapy industry including degrees, certifications and multi-media production applications. This course is open to all students and professionals interested in learning more about the field.

### NANO TECHNOLOGY

Physical Sciences, Mathematics & Engineering

(650) 949-7259

www.foothill.edu/psme/

### NANO MATERIALS & NANOSTRUCTURES

5 Units

Advisory: Knowledge of atomic and molecular structure, basic physical properties of materials, electricity and magnetism, and thermal and electrical conductivity of materials. 5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Introduction to the fundamental science and technology of nanomaterials, including semiconductors, carbon nanostructures, polymer and composite materials, and high performance metals and alloys. Topics include a review of the periodic table, atomic and electronic structure, chemical bonding and molecular geometry, crystal structure and
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<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Time</th>
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**Non-Credit: Basic Skills**

Non-Credit

(650) 949-6950

**NCBS 401A** MATHMATICAL FOUNDATIONS FOR COLLEGE PART I

0 Units

20 hours total. (19.992 total hours per quarter.)

Unlimited Repeatability.

This part one of a bridge to college program that focuses on the development of quantitative thinking skills within the context of: the culture of the college classroom; reading and understanding the syllabus, completing assignments and meeting deadlines, taking quizzes and exams, and classroom communication skills; the assessment of skills without a calculator; exploration of the resources offered by the community college in mathematics; the development of basic mathematical literacy skills to enhance future success in mathematics.

Introduction to addition, subtraction, multiplication and division of whole numbers in preparation for basic skills mathematics course.

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<th>Days</th>
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**NCBS 401B** MATHMATICAL FOUNDATIONS FOR COLLEGE PART II

0 Units

Prerequisites: NCBS 401A

40 hours total. (39.996 total hours per quarter.)

Unlimited Repeatability.

This part two of a bridge to college program that focuses on the development of quantitative thinking skills within the context of: the culture of the college classroom; reading and understanding the syllabus, completing assignments and meeting deadlines, taking quizzes and exams, and classroom communication skills; the assessment of skills without a calculator; exploration of the resources offered by the community college in mathematics; the development of basic mathematical literacy skills to enhance future success in mathematics.

Introduction to addition, subtraction, multiplication and division of fractions in preparation for basic skills mathematics course.

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<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Time</th>
<th>Days</th>
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</table>

**NCBS 405** SUPPLEMENTAL INSTRUCTION: PSME

0 Units

60-360 hours total. (60 total hours per quarter.)

Unlimited Repeatability.

An open-entry, open-exit course for students who seek admission into a degree program and need additional preparation in one or more basic skills areas. This course is intended to assist students in developing the skills necessary for success in college level courses.

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<tr>
<th>Course Number</th>
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<td>CORRIMA, ROBERT</td>
<td>4301</td>
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</table>

**Non-Credit: Parenting Education**

Non-Credit

(650) 949-6950

**NCP 400** STRONG START FOR CHILDREN

0 Units

8 hours total. (7.992 total hours per quarter.)

Unlimited Repeatability.

Introduces families and caregivers to stages of child development, best practices in parenting and links students to resources. Emphasis placed on child development, effective communication and discipline, and school readiness. This is the first course in a sequence of three (with NCP 401 and NCP 402) which leads to a Certificate of Completion in Parenting Skills and helps prepare students for credit classes in Child Development. May be offered bilingually.

<table>
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<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Time</th>
<th>Days</th>
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**NCP 401** NURTURING HEALTHY CHOICES

0 Units

8 hours total. (7.992 total hours per quarter.)

Unlimited Repeatability.

Introduces families and caregivers to healthy feeding practices, best practices in parenting, and links students to resources. Emphasis placed on family wellness, nutrition and healthy feeding dynamics as related to the child's developmental stages. Second course in a sequence of three (with NCP 400 and NCP 402) which leads to a Certificate of Completion in Parenting Skills and helps prepare students for credit classes in Child Development. May be offered bilingually.

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<th>Course Number</th>
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**NCP 402** PARENT INVOLVEMENT: THE IMPORTANCE OF FAMILY IN THE LIVES OF CHILDREN

0 Units

8 hours total. (7.992 total hours per quarter.)

Unlimited Repeatability.

Introduces families and caregivers to the importance of family in the lives of children, best practices in parenting and linking students to resources. Emphasis placed on parent involvement, accessing resources and navigating systems in multicultural communities. Third course in a sequence of three (with NCP 400 and NCP 401) which leads to a Certificate of Completion in Parenting Skills and helps prepare students for credit classes in child development. May be offered bilingually.

<table>
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<th>Course Number</th>
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Unless otherwise noted, courses begin April 8 and continue through June 28. All courses are Title 5 Degree applicable credit courses unless otherwise noted. All fees payments are due at time of registration. Instructors are not obligated to hold a seat for the student who is enrolled but does not attend the first class meeting. The course listings in this PDF were accurate as of Feb. 5, 2013. Be aware that course listing and footnote information may have changed. For the most accurate, current course listings, always access the online class schedule.
### PERFORMING ARTS

**Fine Arts & Communication** *(650) 949-7479*  
www.foothill.edu/fa/

All Performing Arts classes by prior audition only. For information *(650) 949-7479.*

#### P A 111  PERFORMANCE PRACTICES IN THEATRE  1 Unit

**Prerequisite:** Enrollment subject to audition.

**Advisory:** Pass/No Pass; enrollment is limited to six times within the P A group.  
3 hours laboratory. (36 total hours per quarter.)

- May be taken six times for credit.

Study, rehearsal, and performance of assigned theatre performance piece. Designed as a performance course for actors and theatre technicians wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period, non-musical or musical theatre, or non-western theatre. Performances may be on or off campus. At least three hours of rehearsal and/or performance per week. Attendance at all performances required.

- CRN: **41510** P A -111-1  LAB  TBA  TBA  THORNTON, KAY  CLTC

#### P A 111V  PERFORMANCE PRACTICES IN THEATRE  2 Units

**Prerequisite:** Enrollment subject to audition.

**Advisory:** Pass/No Pass; enrollment is limited to six times within the P A group.  
5 hours laboratory. (72 total hours per quarter.)

- May be taken six times for credit.

Study, rehearsal, and performance of assigned theatre performance piece. Designed as a performance course for actors and theatre technicians wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period, non-musical or musical theatre, or non-western theatre. Performances may be on or off campus. At least six hours of rehearsal and/or performance per week. Attendance at all performances required.

- CRN: **41511** P A -111V-1  LAB  TBA  TBA  THORNTON, KAY  CLTC
- CRN: **41530** P A -111V-2  LAB  TBA  TBA  THORNTON, KAY  PYT

#### P A 111W  PERFORMANCE PRACTICES IN THEATRE  3 Units

**Prerequisite:** Enrollment subject to audition.

**Advisory:** Pass/No Pass; enrollment is limited to six times within the P A group.  
9 hours laboratory. (108 total hours per quarter.)

- May be taken six times for credit.

Study, rehearsal, and performance of assigned theatre performance piece. Designed as a performance course for actors and theatre technicians wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period, non-musical or musical theatre, or non-western theatre. Performances may be on or off campus. At least six hours of rehearsal and/or performance per week. Attendance at all performances required.

- CRN: **41512** P A -111W-1  LAB  TBA  TBA  THORNTON, KAY  CLTC
- CRN: **41531** P A -111W-2  LAB  TBA  TBA  THORNTON, KAY  PYT

#### P A 111X  PERFORMANCE PRACTICES IN THEATRE  4 Units

**Prerequisite:** Enrollment subject to audition.

**Advisory:** Pass/No Pass; enrollment is limited to six times within the P A group.
**SPRING QUARTER 2013 COURSES**

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**P A 111Y**  PERFORMANCE PRACTICES IN THEATRE  6 Units  
Prerequisite: Enrollment subject to audition.  
Advisor: Pass/No Pass; enrollment is limited to six times within the P A group.  
18 hours laboratory. (216 total hours per quarter.)  
May be taken six times for credit.  
Study, rehearsal, and performance of assigned theatre performance piece. Designed as a performance course for actors and theatre technicians wishing to explore theatre repertoire more fully with other performance artists and under the tutelage of a theatre professional. Repertoire may include work from any time period, non-musical or musical theatre, or non-western theatre. Performances may be on or off campus. At least eighteen hours of rehearsal and/or performance per week. Attendance at all performances required.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
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**P A 131**  PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC  1 Unit  
Prerequisite: Enrollment subject to audition.  
Advisor: Pass/No Pass; enrollment is limited to six times within the P A group.  
3 hours laboratory. (36 total hours per quarter.)  
May be taken six times for credit.  
Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least three hours of rehearsal and/or performance per week. Attendance at all performances required.

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<tr>
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**P A 131V**  PERFORMANCE PRACTICES IN INSTRUMENTAL MUSIC  2 Units  
Prerequisite: Enrollment subject to audition.  
Advisor: Pass/No Pass; enrollment is limited to six times within the P A group.  
6 hours laboratory. (72 total hours per quarter.)  
May be taken six times for credit.  
Study, rehearsal, and performance of instrumental performance pieces for varied ensembles. Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least six hours of rehearsal and/or performance per week. Attendance at all performances required.

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<th>Course Number</th>
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**P A 131W**  PERFORMANCE PRACTICES IN VOCAL MUSIC  3 Units  
Prerequisite: Enrollment subject to audition.  
Advisor: Pass/No Pass; enrollment is limited to six times within the P A group.  
9 hours laboratory. (108 total hours per quarter.)  
May be taken six times for credit.  
Study, rehearsal, and performance of vocal/choral repertoire. Designed as an advanced performance course for ensemble singers wishing to explore the vast choral repertoire with other performance artists and under the tutelage of a music professional. Repertoire may include work from any time period and non-western music. Performances may be on or off campus. At least nine hours of rehearsal and/or performance per week. Attendance at all performances required.

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</table>
### Performance Practices in Instrumental Music

**Course:** P A 131X  
**Units:** 4 Units  
**Prerequisite:** Enrollment subject to audition.  
**Advisory:** Pass/No Pass; enrollment is limited to six times within the P A group.  
**Availability:** 12 hours laboratory, (144 total hours per quarter.)  
**Study, rehearsal, and performance of instrumental performance pieces for varied ensembles.** Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least twelve hours of rehearsal and/or performance per week. Attendance at all performances required.

#### Course Schedule

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</table>

**Course:** P A 131Y  
**Units:** 6 Units  
**Prerequisite:** Enrollment subject to audition.  
**Advisory:** Pass/No Pass; enrollment is limited to six times within the P A group.  
**Availability:** 18 hours laboratory, (216 total hours per quarter.)  
**Study, rehearsal, and performance of instrumental performance pieces for varied ensembles.** Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least eighteen hours of rehearsal and/or performance per week. Attendance at all performances required.

#### Course Schedule

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**Course:** P A 131Z  
**Units:** 8 Units  
**Prerequisite:** Enrollment subject to audition.  
**Advisory:** Pass/No Pass; enrollment is limited to six times within the P A group.  
**Availability:** 24 hours laboratory, (288 total hours per quarter.)  
**Study, rehearsal, and performance of instrumental performance pieces for varied ensembles.** Designed as a performance course for players of string, wind, and percussion instruments wishing to explore the vast instrumental repertoire more fully with other performance artists and under the tutelage of a music professional. Repertoire includes music from any time period, and non-western music. Concert performances may be on or off campus. At least twenty-four hours of rehearsal and/or performance per week. Attendance at all performances required.

#### Course Schedule

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**Primary Care Associate**

### Biological & Health Sciences  
(650) 725-6959  
www.foothill.edu/bio/programs/primary/

Notice to students: PC courses are intended for students completing the Primary Care Associate Program. PCA course are intended for students admitted to the Primary Care Program in 2011.

**PCA 50 ORIENTATION TO PRIMARY CARE ASSOCIATE PROGRAM**  
**Formerly:** P C 190X  
**Units:** 1 Unit

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**PCA 290 ENRICHMENT COURSE**  
**DIDACTIC PRINCIPLES**  
**Formerly:** P C 190  
**Units:** 1 Unit  
**Prerequisite:** Enrollment in the Primary Care Associate Program  
**Availability:** 1 hour lecture per week. (12 total hours per quarter.)  
**Not Repeatable.**

This is an enrichment course developed to provide additional instruction to achieve competence in didactic course principles employed in the practice of primary care medicine. Intended for students in the PCA program.

#### Course Schedule

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<thead>
<tr>
<th>CRN</th>
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**PCA 54D PRE-Clinical IV**  
**Units:** 1 Unit  
**Formerly:** P C 82P  
**Prerequisite:** PCA 54C.  
**Advisory:** Not open to students with credit in P C 82P.  
**Availability:** .5 hour lecture, 1.5 hour laboratory. (24 total hours per quarter.)  
**Not Repeatable.**

The last course of the pre-clinical sequence of the Primary Care Associate Program. Focus on behavioral medicine, clinical skills, and clinical problem solving. Includes a series of technical skills workshops necessary to provide care in the hospital and emergency room setting. Required for Physician Assistant students.

#### Course Schedule

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<th>CRN</th>
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**PCA 56D Core Medicine IV**  
**Units:** 5 Units  
**Formerly:** P C 82  
**Prerequisite:** PCA 56C.  
**Advisory:** Not open to students with credit in P C 82.  
**Availability:** 5 hours lecture. (60 total hours per quarter.)  
**Not Repeatable.**

This course is the fourth in a series of seven courses. It covers the presentation, evaluation, diagnosis and management of chronic disease and disorders seen in primary care settings. Preparation for patient, surgery and emergency medicine is included in this course.

#### Course Schedule

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<th>CRN</th>
<th>Course ID</th>
<th>Activity</th>
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**PCA 60B Preceptorship II**  
**Units:** 6 Units  
**Formerly:** P C 82P  
**Prerequisite:** PCA 60A.  
**Advisory:** Not open to students with credit in P C 82P.  
**Availability:** 30 hours preceptorship. (360 total hours per quarter.)  
**Not Repeatable.**

Second of the five course sequence of the Primary Care Associate Program. Assessing, planning, implementing, and evaluating patients in a primary care clinical setting. In addition to the content in PCA 60A, it includes Pediatric and Obstetric care in the primary care setting. Development of progress in clinical performance with each successive academic period. Required for Physician Assistant students.

#### Course Schedule

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<th>CRN</th>
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<td>MFM</td>
<td>HIRAHOKA, LUCINDA</td>
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**PCA 290 Enrichment Course**  
**Didactic Principles**  
**Formerly:** P C 190  
**Prerequisite:** Enrollment in the Primary Care Associate Program  
**Availability:** 1 hour lecture per week. (12 total hours per quarter.)  
**Not Repeatable.**

This is an enrichment course developed to provide additional instruction to achieve competence in didactic course principles employed in the practice of primary care medicine. Intended for students in the PCA program.

#### Course Schedule

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**Spring Quarter 2013 Courses**

- Middlefield Campus class
- Online or Hybrid class
- Off-Campus class

Evening classes are shaded.
### Spring Quarter 2013 Courses

**PHYSICAL EDUCATION**

<table>
<thead>
<tr>
<th>Course Number CRN</th>
<th>Course ID</th>
<th>Title</th>
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- **PHED 1** INTRODUCTION TO PHYSICAL EDUCATION AS A PROFESSION 4 Units
  - Advisory: Not open to students with credit in H P 1.
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Introduction to the general nature of the physical education profession and its related fields of health, recreation and athletics.

- **PHED 2** SPORT IN SOCIETY 4 Units
  - Advisory: Not open to students with credit in H P 1B.
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - This course looks at current and past sports related cultural and historical issues and practices to study the role of sport in society.

- **PHED 3** THEORIES & TECHNIQUES OF COACHING SPORTS 4 Units
  - Advisory: Not open to students with credit in H P 37.
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Instruction in the theories and techniques of coaching sport and its variables which contribute to team performance and success. This course addresses developing a coaching philosophy, sport psychology, sport pedagogy, sport physiology and sport management.

- **PHED 4** CONCEPTS OF PHYSICAL FITNESS & WELLNESS 4 Units
  - Advisory: Not open to students with credit in H P 48.
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Study of physical fitness, training principles, appropriate exercise and health practices with application to lifelong health and exercise habits.

- **PHED 8** THEORY & CONCEPTS OF EXERCISE PHYSIOLOGY 4 Units
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Basic concepts and principles of exercise science and how the human body responds to the demands of physical activity. Emphasis on anatomy, physiology, and biomechanics. Includes factors related to maintaining optimal body weight, nutrition, and increasing one's flexibility.

- **PHED 9** BASIC NUTRITION FOR SPORTS & FITNESS 4 Units
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Practical applications of basic nutrition concepts and how food choices affect health and fitness. Includes computer utilization of personal dietary analysis and evaluation. Standard food guides and guidelines to select foods that would maximize individual health are utilized in this course.

- **PHED 10A** AQUATICS: LEVEL I, BEGINNING SWIMMING 1 Unit
  - Advisory: Enrollment is limited to six times within the PHED 10 group.
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.
  - Introduction to swimming and safety skills. Includes physical and mental adjustment to water, buoyancy and body position, survival skills, and basic swim strokes.

- **PHED 10B** AQUATICS: LEVEL II, INTERMEDIATE SWIMMING 1 Unit
  - Advisory: Enrollment is limited to six times within the PHED 10 group.
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.
  - A continuation of development of swim and safety skills beyond the beginning phase. Includes physical and mental adjustment to water, buoyancy and body position, survival skills, and the basic swim strokes.

- **PHED 11A** WATER EXERCISE 1 Unit
  - Advisory: Enrollment is limited to six times within the PHED 11 group.
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.
  - A unique non-impact form of aquatic exercise designed to improve cardiovascular endurance, muscular strength, endurance, and flexibility while wearing a flotation belt to maintain an upright position in deep water.

- **PHED 11B** AQUATIC FITNESS 1 Unit
  - Advisory: Enrollment is limited to six times within the PHED 11 group.
  - 3 hours laboratory. (36 total hours per quarter.)
  - May be taken six times for credit.
An aerobic water fitness program applying the basic principles of exercise and dynamics of water movement.

PHED 13A INTERMEDIATE/ADVANCED WATER POLO 1 Unit
Advisory: Not open to students with credit in H P 8A. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit. Intermediate/advanced water polo for competitive play. Includes offensive and defensive drills, strategies, and techniques.

PHED 14 NUTRITIONAL ASSESSMENT & FITNESS 1 Unit
Formerly: PHED 50C 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit. A study of nutritional concepts, body fat assessment and work-out programs for lifetime fitness.

PHED 15 FIRST AID & CPR/AED 2 Units
Formerly: PHED 66 1 hour lecture, 3 hours laboratory. (48 total hours per quarter.) May be taken six times for credit. This course is designed to provide the layperson with the knowledge and skills to respond to an emergency. The course will provide certification opportunity in First Aid and CPR/ AED as well as Professional Rescuer.

PHED 16A PREVENTION OF ATHLETIC INJURIES 3 Units
Formerly: PHED 67A
Advisory: Students must have reliable and ongoing Internet access to complete quizzes, discussions and assignments; not open to students with credit in H P 67A or PHED 67A. 2 hours lecture, 1 hour laboratory, 1 hour online. (48 total hours per quarter.) Not Repeatable. Athletic injury prevention is emphasized through pre-participation physical exams, exercise programs, preventative taping, proper fitting of equipment, and protective braces.

PHED 16B EMERGENCY ATHLETIC INJURY CARE 3 Units
Formerly: PHED 67B
Advisory: Students must have reliable and ongoing Internet access to complete quizzes, discussions and assignments; not open to students with credit in H P 67B or PHED 67B. 2 hours lecture, 1 hour laboratory, 1 hour online. (48 total hours per quarter.) Not Repeatable. American Red Cross Standard First Aid/CPR certificates are available upon completion of the course. Lecture and laboratory are devoted to basic injury recognition and emergency response of acute trauma. Practical hands-on skills are emphasized in laboratories.

PHED 16C TREATMENT & REHABILITATION OF ATHLETIC INJURIES 3 Units
Formerly: PHED 67C
Advisory: Students must have reliable and ongoing Internet access to complete quizzes, discussions and assignments; not open to students with credit in H P 67C or PHED 67C. 2 hours lecture, 1 hour laboratory, 1 hour online. (48 total hours per quarter.) Not Repeatable. Follow-up injury treatment, phases of tissue healing, and stages of rehabilitation including therapeutic modalities.

PHED 19A FUNDAMENTALS OF TAI CHI 1 Unit
Advisory: Not open to students with credit in H P 83. 3 hours laboratory. (36 total hours per quarter.) May be taken three times for credit. Introduction to the internal martial art of Tai Chi. Includes practice and discussion of fundamental Tai Chi exercises and its relationship to mind-body awareness.

PHED 19B KICKBOXING FOR FITNESS 1 Unit
3 hours laboratory. (36 total hours per quarter.) May be taken three times for credit. Introduction to the basic skills and mechanics of kickboxing for fitness. Total cardiovascular workout emphasizing footwork, body mechanics, punching and kicking combinations and basic offensive and defensive techniques.

PHED 20A BEGINNING MAT PILATES 1 Unit
Advisory: Enrollment is limited to six times within the PHED 20 group. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit. Traditional Mat Pilates exercises and principles are combined to achieve body control, core strength and joint mobility. Students must provide their own fitness mat.

PHED 20B INTERMEDIATE MAT PILATES 1 Unit
Advisory: Enrollment is limited to six times within the PHED 20 group. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit. An intermediate level mat Pilates class focusing on fluid transitions between stretching and strengthening exercises to improve coordination, endurance, posture, flexibility and balance for a more streamlined shape. Students provide their own fitness mat.

PHED 20C POWER PILATES & FLEXIBILITY EXERCISES 1 Unit
Advisory: Enrollment is limited to six times within the PHED 20 group. 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit. A vigorous and dynamic full body conditioning class using mat and standing exercises to tighten, tone and lengthen core muscles and flexibility exercises to improve mobility and stability. Students must provide their own fitness mat.

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### Spring Quarter 2013 Courses

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<th>CRN</th>
<th>Course ID</th>
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Spring Quarter 2013 Courses

CRN Course ID Activity Time Days Instructor Location
Course Number Title Units

41956 PHED-024A-01 LAB09:30 AM-10:45 AM TTh DURBIN, TIMOTHY MFT
40631 PHED-024A-02 LAB09:00 AM-11:50 AM AM S GUSTAFSON, ROBERT GOLFW F
40632 PHED-024A-03 LAB12:00 PM-02:50 PM S GUSTAFSON, ROBERT GOLFW F
41955 PHED-024A-05 LAB09:30 AM-10:45 AM AM S GUSTAFSON, ROBERT GOLFW F
41087 PHED-024A-10 LAB05:30 PM-06:45 PMMFW EDWARDS, KELLY GOLFW F

PHED 24B SKILLS OF GOLF COURSE PLAY 2 Units
Advisory: Not open to students with credit in PHED 25DX; enrollment is limited to six times within the PHED 24 group.
May be taken six times for credit.

PHED 25A SWING ANALYSIS 1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Using the Swing Solutions video technology, the student will identify and correct individual golf swing flaws and design drills to develop skills to improve golf strokes.

41452 PHED-025A-01 LAB12:00 PM-02:50 PMS GUSTAFSON, ROBERT GOLFW F
40793 PHED-025A-02 LAB01:00 PM-03:50 PMF EDWARDS, KELLY GOLFW F

PHED 26 BEGINNING TENNIS SKILLS 1 Unit
Advisory: Enrollment is limited to six times within the PHED 26 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Introduction to beginning tennis play including basic strokes, drills, rules and etiquette.

40720 PHED-026.-01 LAB09:30 AM-12:20 PMS HICKEY, LAUREN TCOURT
40721 PHED-026.-04 LAB12:00 PM-01:15 PM MW MACIAS, DIXIE TCOURT
40729 PHED-026.-05 LAB10:00 AM-11:15 AM TTh LINER, THOMAS TCOURT

PHED 25A INTERMEDIATE/ADVANCED TENNIS 1 Unit
Advisory: Enrollment is limited to six times within the PHED 26 group.
3 hours laboratory. (36 total hours per quarter.)
Intermediate/advanced tennis for competitive play includes covering drills, advanced strategies, techniques, and rules.

40723 PHED-026A-01 LAB09:30 AM-12:20 PMS HICKEY, LAUREN TCOURT
40724 PHED-026A-04 LAB12:00 PM-01:15 PM MW MACIAS, DIXIE TCOURT
40730 PHED-026A-05 LAB10:00 AM-11:15 AM TTh LINER, THOMAS TCOURT

PHED 27 WALK FOR HEALTH 1 Unit
Formerly: H P 16
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Introduction to fitness walking. Includes basic principles of exercise and how they relate to fitness walking.

40737 PHED-027-01 LAB12:00 PM-01:15 PM MW MAC NEIL, DONALD TRACK
41100 PHED-027-03 LAB12:00 PM-01:15 PM TTh EDWARDS, KELLY TRACK

PHED 27A RUN FOR FITNESS 1 Unit
Advisory: Not open to students with credit in H P 61.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
The student will gain an appreciation for all phases of running, improve cardiovascular fitness, increase flexibility, develop endurance, and gain an understanding of the physiologic responses of the body to running.

40733 PHED-037-01 LAB12:00 PM-01:15 PM TTh LINER, THOMAS 2501
40734 PHED-037-02 LAB12:00 PM-01:15 PM TTh LINER, THOMAS 2501
40625 PHED-037.-03 LAB08:00 PM-10:50 PM MFT BAUM, PETER MCPAV

PHED 34J SPORTS TECHNIQUES & CONDITIONING 2 Units
Advisory: Not open to students with credit in PHED 601.
6 hours laboratory. (72 total hours per quarter.)
May be taken six times for credit.
This course is designed to teach and practice sport specific techniques and conditioning including drills, weight and flexibility training, and cardio-respiratory development.

41481 PHED-034J-01 LAB TBA TBA BISSELL, JEFFREY POOL
41484 PHED-034J-02 LAB TBA TBA RAIJO, MATTHEW WFLD
41486 PHED-034J-04 LAB TBA TBA PREGLIASCO, COLLINS WFLD
41482 PHED-034J-06 LAB TBA TBA FLANNERY, OWEN UPFLD
41483 PHED-034J-07 LAB TBA TBA LINER, THOMAS UPFLD
41485 PHED-034J-08 LAB TBA TBA RIPP, KATHRYN 2501
41486 PHED-034J-09 LAB TBA TBA ROSENBERG, SHANAN 2501

PHED 29A TOURNAMENT SOCCER 1 Unit
Advisory: Previous intercollegiate or club soccer play; not open to students with credit in H P 129.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Participation in tournament soccer competition at an intermediate and advanced level of play.

40731 PHED-029A-03 LAB01:30 PM-02:45 PM MF LINER, THOMAS UPFLD

PHED 36 INDOOR ARCHERY 1 Unit
Advisory: Not open to students with credit in H P 23A.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Introduction to the sport of archery. Emphasis will be placed on instinctive shooting, scoring, terminology, safety and etiquette.

40726 PHED-036.-01 LAB08:00 AM-09:45 AM MW MACIAS, DIXIE 2501
40727 PHED-036.-02 LAB10:00 AM-11:15 AM MW MACIAS, DIXIE 2501
41586 PHED-036.-03 LAB08:30 AM-09:45 AM T Th MACIAS, DIXIE 2501

PHED 37 BADMINTON: SINGLES & DOUBLES 1 Unit
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.
Strategy and competition for both singles and doubles in badminton play.

40733 PHED-037-01 LAB12:00 PM-01:15 PM TTh LINER, THOMAS 2501
40734 PHED-037-02 LAB12:00 PM-01:15 PM TTh LINER, THOMAS 2501

PHED 38A BASKETBALL FUNDAMENTALS 1 Unit
Advisory: Enrollment is limited to six times within the PHED 38 group.
3 hours laboratory. (36 total hours per quarter.)
May be taken six times for credit.

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<td>PHED 41</td>
<td>INDOOR CYCLING-SPIN</td>
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<td>PHED 41A</td>
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**Introduction to the game of volleyball. Includes basic skills, strategy, and team play.**

**May be taken six times for credit.**

**An indoor cycling program to enhance cardiovascular fitness and improve cycling techniques.**

**Emphasis will be on improving endurance through non-impact activity. Enrollment is limited to six times within the PHED 41 group.**

**Cardio interval exercise set to appropriate cadence music on an indoor bicycle with periods of aerobic and anaerobic work mixed with appropriate recovery periods. Enrollment is limited to six times within the PHED 41 group.**

**A comprehensive study of the physical skills and practice for lifetime enjoyment of bowling.**

**May be taken six times for credit.**

**A total body conditioning class that emphasizes intense free weight exercises set to music and incorporates core conditioning. Featured equipment includes dumbbells, body bars, resistance bands, body weight and balls. Students must provide their own fitness mat.**

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**SPRING QUARTER 2013 COURSES**

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**PHILOSOPHY**

**Business & Social Sciences (650) 949-7322**

**www.foothill.edu/bss/**

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**PHIL 1**
**CRITICAL THINKING & WRITING**

Prerequisite: ENGL 1A.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Develops understanding of informal logic and practical reasoning skills necessary for academic success, including tools needed to analyze information from a variety of sources including academic essays, philosophic literature, news media and advertising. Focus on skills of argumentation including, but not limited to, elements of an argument, deductive and inductive forms of argumentation, the evaluation of arguments and the recognition of a variety of fallacies. Skills developed through a series of written assignments of increasing scope and difficulty culminating in a sophisticated argumentative essay.

41629 | PHIL-001.-01 | LEC | 10:00 AM-11:50 AM | AMTTh | CHANG, JASON | 3404 |
41632 | PHIL-001.-02Y | LEC | 10:00 AM-11:50 AM | AMW | PETERSON, DAVID | 5001 |

(valid till 4/17/13)

PHIL-001.-02Y: Hybrid class: one weekly TBA hour via online instruction.

41630 | PHIL-001.-03 | LEC | 01:00 PM-03:15 PM | PTTh | HOEKENGA, DAVID | 3303 |

**PHIL 4**
**INTRODUCTION TO PHILOSOPHY**

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Introductory survey of basic principles and concerns of philosophy. Primarily examines major topics in the study of metaphysics and epistemology. Related topics of concern to include ethics, theology and political philosophy.

40169 | PHIL-004.-01 | LEC | 02:00 PM-03:50 PM | PTMTh | TAPIA, BRIAN | 3304 |
40189 | PHIL-004.-02 | LEC | 08:00 AM-09:50 AM | AMTh | TAPIA, BRIAN | 3304 |

**PHIL 7**
**INTRODUCTION TO SYMBOLIC LOGIC**

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

The course covers the use of logic as a tool for constructing, analyzing and evaluating arguments. Topics to be covered will be the basic construction of premises and conclusion to form arguments, common formal and informal fallacies, categorical propositions and syllogisms, propositional logic, natural deduction and predicate logic.

41636 | PHIL-007.-01Y | LEC | 10:00 AM-11:50 AM | AM MW | RETTUS, SARA | 1401 |

**PHIL 8**
**ETHICS**

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Analysis and application of competing conceptions of the good. Course focuses on ethical theory (utilitarianism, duty-oriented ethics, virtue ethics, egoism, relativism etc.) and various topics in applied ethics.

41631 | PHIL-008-.01 | LEC | 10:00 AM-11:50 AM | AMTTh | HEOGENGA, DAVID | 4502 |
41712 | PHIL-008-.02 | LEC | 01:00 PM-03:15 PM | PTTh | CHANG, JASON | 5992 |
41633 | PHIL-008-.03Y | LEC | 01:00 PM-02:50 PM | PMW | RETTUS, SARA | 3201 |

**PHIL 20C**
**CONTEMPORARY PHILOSOPHY: 19TH & 20TH CENTURY THOUGHT**

Advisory: Eligibility for ENGL 1A or ESLL 26.

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Survey of the history of western philosophy during the 19th and 20th centuries. Examination of major philosophical developments, theories and movements. Special attention to the influence of 19th and 20th century thought on our contemporary world view.

41618 | PHIL-020C-01 | LEC | 10:00 AM-11:50 AM | AMTTh | TAPIA, BRIAN | 3303 |

**PHIL 25**
**COMPARATIVE WORLD RELIGIONS: WEST**

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Explores the origin, history and significant ideas of the world's Western religions. We will compare the fundamental insights, ideals and contributions toward the human moral heritage and wisdom of the Early Religions, Judaism, Zoroastrianism, Christianity, and Islam.

40075 | PHIL-025.-01W | LEC | TBA | TBA | PROVOST, JOHN | ONLINE |
40076 | PHIL-025.-02W | LEC | TBA | TBA | PROVOST, JOHN | ONLINE |

**PHIL 30**
**INTRODUCTION TO CRITICAL THINKING**

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Develops understanding of informal logic and practical reasoning skills necessary for academic success, including tools needed to analyze information from a variety of sources such as academic essays, philosophic literature, news media and advertising. Focus on skills of argumentation including, but not limited to, elements of an argument, deductive and inductive forms of argumentation, the evaluation of arguments and the recognition of a variety of fallacies. Skills developed through written analysis of a variety of sources including but not limited to academic articles, news media, televised debates and advertisements.

41628 | PHIL-030.-01 | LEC | 08:00 AM-09:50 AM | AMW | PETERSON, DAVID | 3304 |
**PHOTOGRAPHY**

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<thead>
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<tr>
<td>PHOT 1</td>
<td>BLACK &amp; WHITE PHOTOGRAPHY I</td>
<td>4</td>
<td>2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)</td>
<td>Foothill College – ONLINE</td>
</tr>
<tr>
<td>PHOT 4A</td>
<td>DIGITAL PHOTOGRAPHY I</td>
<td>4</td>
<td>2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)</td>
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<tr>
<td>PHOT 4C</td>
<td>DIGITAL PHOTOGRAPHY III</td>
<td>4</td>
<td>2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)</td>
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**PHOTOGRAPHY OF MULTICULTURAL AMERICA**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
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<tbody>
<tr>
<td>PHOT 8</td>
<td>PHOTOGRAPHY OF MULTICULTURAL AMERICA</td>
<td>4</td>
<td>Advisory: Not to open to students with credit in PHOT 8H. 4 hours lecture, 2 hours laboratory. (72 total hours per quarter.)</td>
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**PROFESSIONAL PRACTICES IN PHOTOGRAPHY**

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<tr>
<th>Course Number</th>
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<tr>
<td>PHOT 57B</td>
<td>PROFESSIONAL PRACTICES IN PHOTOGRAPHY</td>
<td>4</td>
<td>2 hours lecture, 3 hours lecture-laboratory, 1.5 hours laboratory. (78 total hours per quarter.)</td>
<td>Foothill College – ONLINE</td>
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</table>

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### PHARMACY TECHNOLOGY

**Biological & Health Sciences**  (650) 949-6955  
www.foothill.edu/bio/programs/pharmtec/

There is a selective admission process to enroll in these classes. For an application, call (650) 949-6955.

#### PHOT 72 DIGITAL CAMERA TECHNIQUE  4 Units
Advisory: PHOT 1 or 5 or equivalent experience.
3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)
Not Repeatable.
Develop skills in the use of digital cameras and software. Evaluate and utilize current tools and demonstrate skills in digital photography including workflow, archiving, resolution-sizing, beginning color management as well as composition, design and visual communication. Utilize design principles to create images that communicate effectively.

<table>
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<tr>
<th>CRN</th>
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<th>Title</th>
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<th>Days</th>
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<tr>
<td>40299 PHT-056B-01 LAB 08:00 AM-03:50 PM</td>
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<td>ALVAREZ, NANCY</td>
<td>MC J5</td>
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</table>

**PHT 55B PHARMACOLOGY B**  4 Units
Prerequisite: PHT 55A.
4 hours lecture, (48 total hours per quarter.)
Not Repeatable.
A study of the fundamentals of pharmacology with a focus on the anatomy, physiology and application of pharmacological principles related to various body systems and disorders; the respiratory system, gastrointestinal system, endocrine system, reproductive system and includes a study of disorders affecting multi-body systems). Drugs are discussed in relation to their mechanism of action, indications, adverse effects, contraindications, precautions and drug interactions. Intended for students already enrolled in the Pharmacy Technician Program.

**PHT 56B DISPENSING & COMPOUNDING B**  3 Units
Prerequisite: PHT 56A.
2 hours lecture, 3 hours laboratory. (60 total hours per quarter.)
Not Repeatable.
General preparation of topical, transdermal, rectal, ophthalmic, and otic pharmaceutical dosage forms. Practical experience in the manipulative and record keeping functions associated with the compounding and dispensing of prescriptions. Study of dosage forms, advantages and disadvantages, uses, storage and packaging of pharmaceutical products. Intended for students enrolled in the Pharmacy Technician Program.

**PHT 60A RETAIL CLINICAL I**  1.5 Units
Prerequisite: Admission to the Pharmacy Technology Program.
8 hours clinical experience. (96 total hours per quarter.)
Not Repeatable.
The practice, in an outpatient environment, of skills developed in didactic and laboratory training. Activities will be performed by the student and evaluated by a preceptor.

**PHT 60B RETAIL CLINICAL II**  1.5 Units
Prerequisite: PHT 60A.
8 hours clinical experience. (96 total hours per quarter.)
Not Repeatable.

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### PHYSICS

**Physical Sciences, Mathematics & Engineering**  (650) 949-7259  
www.foothill.edu/psme/

**PHYS 2A GENERAL PHYSICS**  5 Units
Prerequisite: MATH 48C or higher placement on the Foothill College Placement Exam.

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Non-mathematical introduction to the ideas of modern physics designed for those not majoring in the physical sciences. After a brief introduction to the history and ideas of physics in general, the course focuses on three areas of modern physics which have revolutionized our understanding of nature: thermodynamics and the concept of entropy, Einstein’s special and general theories of relativity, and quantum mechanics. The key ideas in these areas are explained using demonstrations, analogies, and examples drawn, whenever possible, from the student’s own experience. We also examine (briefly) the impact these physics ideas have had on other fields, such as poetry, literature and music. No background in science or math is assumed.

### POLITICAL SCIENCE

**Business & Social Sciences**

(650) 949-7322  
www.foothill.edu/bss/

**POLI 1**  
POLITICAL SCIENCE: INTRODUCTION TO AMERICAN GOVERNMENT & POLITICS  
5 Units

Advisory: Eligibility for ENGL 1A or ESLL 26.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.


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<tr>
<th>CRN</th>
<th>Course ID</th>
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<td>WOOLCOCK, JOSEPHSONLINE</td>
<td>3404</td>
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**POLI 2**  
COMPARATIVE GOVERNMENT & POLITICS  
4 Units

Advisory: Eligibility for ENGL 1A or ESLL 26; not open to students with credit in POLI 2H.

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**INTRODUCTION TO ABNORMAL PSYCHOLOGY**

5 Units

This course introduces students to the basic statistical techniques and design methodologies used in behavioral sciences. Topics include descriptive statistics; probability and sampling distributions; statistical inference and power; linear correlation and regression; chi-square; t-tests; and ANOVA. Computations will be completed by hand and with the use of statistical software. An emphasis will be placed on the interpretation and relevance of statistical findings and the application of statistical concepts to real-world problems in the behavioral and social sciences.

41565 PSYC-007.-01Q LEC01:00 PM-03:15 PM MW WHITE, ROBIN 3401

**PSYC 10 RESEARCH METHODS & DESIGNS**

5 Units

Prerequisites: PSYC 1 or SOC 1.

Advisory: MATH 10; Not open to students with credit in SOC 10; College-level reading and writing ability.

Survey of research design, planning, experimental procedures, and the collection, analysis, interpretation, and reporting of data. Laboratory emphasis on group work, data entry, and analysis of data with statistical software.

41566 PSYC-010.-01W LEC TBA LAB TBA BAUERMEISTER, MARK ONLINE

**PSYC 14 CHILD & ADOLESCENT DEVELOPMENT**

4 Units

Advisory: College-level reading and writing ability.

Survey of human development from conception through adolescence. Emphasis on the biological, cognitive, social, and emotional changes during development. Discussion of historical and contemporary research, and the conceptual perspectives pertaining to children and adolescents.

41567 PSYC-014.-01W LEC TBA LAB TBA PAULOS, LINDA ONLINE

**PSYC 21 PSYCHOLOGY OF WOMEN: SEX & GENDER DIFFERENCES**

4 Units

Advisory: Not open to students with credit in SOC 21 or WMN 21.

Examination of sex role stereotyping and differences. Developmental considerations.

41568 PSYC-014.-03W LEC TBA LAB TBA PAULOS, LINDA ONLINE

**PSYC 25 INTRODUCTION TO ABNORMAL PSYCHOLOGY**

4 Units

Advisory: College-level reading and writing ability.

Survey of psychotherapy and psychological disorders from theoretical perspectives such as biological, psychodynamic, behavioral, sociocultural, cognitive, and humanistic approaches. Survey of psychological disorders and their major causes and treatments.

40200 PSYC-025.-01 LEC10:00 AM-11:50 AM TTh MENAGER, ROSEMARIE 3304

40487 PSYC-004.-02 LEC01:00 PM-02:50 PM MW STEFONIK, BENJAMIN 3402

**PSYC 7 STATISTICS FOR THE BEHAVIORAL SCIENCES**

5 Units

Prerequisite: PSYC 1 or SOC 1; satisfactory score on the mathematics placement test or MATH 105 or MATH 108.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

This course is for students majoring in psychology, sociology, and other behavioral sciences. This course introduces students to the basic statistical techniques and design methodologies used in behavioral sciences. Topics include descriptive statistics; probability and sampling distributions; statistical inference and power; linear correlation and regression; chi-square; t-tests; and ANOVA. Computations will be completed by hand and with the use of statistical software. An emphasis will be placed on the interpretation and relevance of statistical findings and the application of statistical concepts to real-world problems in the behavioral and social sciences.

41569 PSYC-007.-01Q LEC01:00 PM-03:15 PM MW WHITE, ROBIN 3401

**PSYC 10 RESEARCH METHODS & DESIGNS**

5 Units

Prerequisites: PSYC 1 or SOC 1.

Advisory: MATH 10; Not open to students with credit in SOC 10; College-level reading and writing ability.

Survey of research design, planning, experimental procedures, and the collection, analysis, interpretation, and reporting of data. Laboratory emphasis on group work, data entry, and analysis of data with statistical software.

41566 PSYC-010.-01W LEC TBA LAB TBA BAUERMEISTER, MARK ONLINE

**PSYC 14 CHILD & ADOLESCENT DEVELOPMENT**

4 Units

Advisory: College-level reading and writing ability.

Survey of human development from conception through adolescence. Emphasis on the biological, cognitive, social, and emotional changes during development. Discussion of historical and contemporary research, and the conceptual perspectives pertaining to children and adolescents.

41567 PSYC-014.-01W LEC TBA LAB TBA PAULOS, LINDA ONLINE

**PSYC 21 PSYCHOLOGY OF WOMEN: SEX & GENDER DIFFERENCES**

4 Units

Advisory: Not open to students with credit in SOC 21 or WMN 21.

Examination of sex role stereotyping and differences. Developmental considerations.

41568 PSYC-014.-03W LEC TBA LAB TBA PAULOS, LINDA ONLINE

**PSYC 25 INTRODUCTION TO ABNORMAL PSYCHOLOGY**

4 Units

Advisory: College-level reading and writing ability.

Survey of psychotherapy and psychological disorders from theoretical perspectives such as biological, psychodynamic, behavioral, sociocultural, cognitive, and humanistic approaches. Survey of psychological disorders and their major causes and treatments.

40200 PSYC-025.-01 LEC10:00 AM-11:50 AM TTh MENAGER, ROSEMARIE 3304

40487 PSYC-004.-02 LEC01:00 PM-02:50 PM MW STEFONIK, BENJAMIN 3402
### Social Psychology
- **PSYC 30** *SOCIAL PSYCHOLOGY* 3 Units
  - Advisory: Not open to students with credit in SOC 30; College-level reading and writing ability.
  - 4 hours lecture. (40 total hours per quarter.)
  - Not Repeatable.
  - Survey of human behavior in relation to the social environment. Focus on human interaction and the shaping of diverse and commonly-shared attitudes, beliefs and worldviews by society, culture and social groups. Emphasis on how individuals are influenced behaviorally, emotionally, and cognitively. Topics include but not limited to social cognition, aggression, interpersonal attraction, attitudes, social influence, prejudice and discrimination, gender, person perception, and cultural norms.

### Human Development
- **PSYC 40** *HUMAN DEVELOPMENT* 5 Units
  - Advisory: ENGL 1A or equivalent; PSYC 1 or equivalent high school or college introductory psychology course.
  - 5 hours lecture. (60 total hours per quarter.)
  - Not Repeatable.
  - The Psychology of human development includes intellectual, social and personality development through the life span. This includes comprehensive presentation of the issues, forces, and outcomes that make us who we are. Topics in childhood and adolescence, emphasize child development including all stages from conception, through childhood, adolescence, adult issues, later life and gerontology, cover all life-span stages and important topics. Development is presented in a chronological and sequential order from conception through late life, while also presenting important themes and theories essential to this field of psychology. The course provides an extensive amount of information on developmental stages covering theoretical and empirical foundations that enable students to become educated, critical interpreters of developmental information. A blend of basic and applied research, as well as coverage of controversial topics and emerging trends, demonstrating connections between the laboratory and life is presented.

### Human Sexuality
- **PSYC 49** *HUMAN SEXUALITY* 4 Units
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Current scientific analysis of and information on sexual functioning and sexuality. Basic questions regarding sexual behavior, sexual roles, anatomy and physiology of sexual response, social patterns of sexual behavior, sexual adjustment and maladjustment. Includes treatment of sexual dysfunction, sex variance, the reproductive span of contraception-pregnancy-birth, sexual disease. Legal, political and cultural aspects of sexual behavior.

### Radiologic Technology
- **R T 51C** *FUNDAMENTALS OF RADIOLOGIC TECHNOLOGY III* 3 Units
  - Prerequisite: R T 51B.
  - 3 hours lecture. (36 total hours per quarter.)
  - Not Repeatable.
  - Continuation of R T 51B; radiographic anatomy, positioning and terminology, related to the skull, vertebral column, bony thorax, myelography, arthrography and pediatric radiology. Intended for students accepted into the Radiologic Technology Program.

### Psychology of Sports
- **PSYC 55** *PSYCHOLOGY OF SPORTS* 4 Units
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Basis and catalyst for peak sports performance. Body/mind relationship, particularly the area of peak performance in sports. Focus on relaxation, visualization, hypnosis, neuropsychology, physiology, left vs. right brain hemisphere specialization, concentration techniques, motivation, emotion and attitude improvement.

### Honors Institute Seminar in Psychology
- **PSYC 54H** *HONORS INSTITUTE SEMINAR IN PSYCHOLOGY* 1 Unit
  - Formerly: PSYC 34, 34H
  - Prerequisite: Honors Institute participant.
  - 1 hour lecture. (12 total hours per quarter.)
  - Not Repeatable.
  - A seminar in directed readings, discussions and projects in psychology. Specific topics to be determined by the instructor.

### Introduction to Personality Psychology
- **PSYC 33** *INTRODUCTION TO PERSONALITY* 4 Units
  - Advisory: College-level reading and writing ability.
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Introduction to the history, theoretical perspectives, research methodologies, assessments, and applications of the field of personality psychology.

### Psychology of Personality
- **PSYC 30** *SOCIAL PSYCHOLOGY* 4 Units
  - Advisory: Not open to students with credit in SOC 30; College-level reading and writing ability.
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Survey of human behavior in relation to the social environment. Focus on human interaction and the shaping of diverse and commonly-shared attitudes, beliefs and worldviews by society, culture and social groups. Emphasis on how individuals are influenced behaviorally, emotionally, and cognitively. Topics include but not limited to social cognition, aggression, interpersonal attraction, attitudes, social influence, prejudice and discrimination, gender, person perception, and cultural norms.

### Psychology
- **PSYC 49** *HUMAN SEXUALITY* 4 Units
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Current scientific analysis of and information on sexual functioning and sexuality. Basic questions regarding sexual behavior, sexual roles, anatomy and physiology of sexual response, social patterns of sexual behavior, sexual adjustment and maladjustment. Includes treatment of sexual dysfunction, sex variance, the reproductive span of contraception-pregnancy-birth, sexual disease. Legal, political and cultural aspects of sexual behavior.

### Psychology of Personality
- **PSYC 33** *INTRODUCTION TO PERSONALITY* 4 Units
  - Advisory: College-level reading and writing ability.
  - 4 hours lecture. (48 total hours per quarter.)
  - Not Repeatable.
  - Introduction to the history, theoretical perspectives, research methodologies, assessments, and applications of the field of personality psychology.

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<tr>
<td>40231 R T -063C-01</td>
<td>LEC 12:00 PM-01:50 PM</td>
<td>MILLER, LAWRENCE</td>
<td>5307</td>
<td>RAD 70 SPECIAL PROJECTS IN RADIO 3 Units 1 Unit 3 hours laboratory. (36 total hours per quarter.) May be taken six times for credit. Individual projects in creative, technical or applied work in radio at KFJC or in commercial broadcasting and related industries. Enrollment is available in the Fine Arts &amp; Communications Division office.</td>
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<tr>
<td>40232 R T -063C-01</td>
<td>LAB 08:00 AM-03:30 PMMITTnF</td>
<td>KEY, SHARON</td>
<td>HOSP</td>
<td>R T -063C-01: Schedule subject to assignment by clinical site. Requirement of 384 total clinical hours.</td>
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</tr>
<tr>
<td>40233 R T -200L-01</td>
<td>LAB02:00 PM-02:50 PM</td>
<td>MILLER, LAWRENCE</td>
<td>5307</td>
<td>RSPT 51B RESPIRATORY PHYSIOLOGY 3 Units 1 Unit 3 hours lecture. (36 total hours per quarter.) Not Repeatable. Respiratory physiology; normal and altered lung physiology; ventilation-perfusion relationships; control of ventilation; renal, aging, exercise, altitude, high pressure effects</td>
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<tr>
<td>40234 RSPT-050C-01</td>
<td>LAB10:00 AM-11:50 AM</td>
<td>HANNING, BRENDA</td>
<td>5307</td>
<td>RSPT 50C THERAPEUTICS &amp; INTRODUCTION TO MECHANICAL VENTILATION 4.5 Units 1 Unit 2 hours lecture, 2 hours laboratory, 10 hours clinic, 1.5 hours lecture-laboratory. (186 total hours per quarter.) Not Repeatable. Practice of skills in the clinic setting. Topics to be covered include IPPB, IV, as well as introduction to invasive and non-invasive mechanical ventilation.</td>
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<tr>
<td>40235 RSPT-050C-02</td>
<td>LAB12:00 PM-01:50 PM</td>
<td>MILLER, LAWRENCE</td>
<td>5307</td>
<td>RSPT 50C THERAPEUTICS &amp; INTRODUCTION TO MECHANICAL VENTILATION 4.5 Units 1 Unit 2 hours lecture, 2 hours laboratory, 10 hours clinic, 1.5 hours lecture-laboratory. (186 total hours per quarter.) Not Repeatable. Practice of skills in the clinic setting. Topics to be covered include IPPB, IV, as well as introduction to invasive and non-invasive mechanical ventilation.</td>
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<tr>
<td>40240 RSPT-050C-02</td>
<td>LAB02:00 PM-03:00 PM</td>
<td>MILLER, LAWRENCE</td>
<td>5307</td>
<td>RSPT 50C THERAPEUTICS &amp; INTRODUCTION TO MECHANICAL VENTILATION 4.5 Units 1 Unit 2 hours lecture, 2 hours laboratory, 10 hours clinic, 1.5 hours lecture-laboratory. (186 total hours per quarter.) Not Repeatable. Practice of skills in the clinic setting. Topics to be covered include IPPB, IV, as well as introduction to invasive and non-invasive mechanical ventilation.</td>
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<tr>
<td>40840 R T -53CL-01</td>
<td>LAB TBA</td>
<td>KEY, SHARON</td>
<td>5305</td>
<td>R T 53CL APPLIED RADIOGRAPHIC TECHNOLOGY LABORATORY III 1 Unit Prerequisite: R T 53BL. 3 hours laboratory. (36 total hours per quarter.) Not Repeatable. This is the third in a series of three sequential courses that includes laboratory participation and application of basic positioning, patient care, equipment manipulation, radiation protection, image analysis and technical radiographic experiments. Emphasis on vertebral column, sacrum and coccyx, ribs and skull as learned in the companion lecture course, R T 51C. Intended for students accepted into the Radiologic Technology Program.</td>
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</tbody>
</table>

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www.foothill.edu
RSPT 51C  PATIENT ASSESSMENT & PULMONARY DISEASE  4.5 Units
Prerequisite: BIOL 41.
4 hours lecture, 1 hour laboratory, .5 hour lecture-laboratory. (66 total hours per quarter.)
Not Repeatable.
Physiological approach to the etiology, management, and prognosis of the various respiratory diseases. Utilization of physical examination, chest X-ray and basic clinical laboratory tests in the diagnosis and treatment of pulmonary disease. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

RSPT 55C  DIRECTED STUDIES IN RESPIRATORY THERAPY III  .5 Units
Advisory: This course is intended for students accepted and enrolled in the Respiratory Therapy Program.
2 hours laboratory. (24 total hours per quarter.)
Not Repeatable.
Third in a series of seven media classes paralleling content taught in courses in the Respiratory Therapy Program. Focus on Assessments and data evaluation. This course is intended for students currently accepted and enrolled in the Respiratory Therapy Program.

RSPT 55G  DIRECTED STUDIES IN RESPIRATORY THERAPY VII  .5 Units
Advisory: This course is intended for students accepted and enrolled in the Respiratory Therapy Program.
2 hours laboratory. (24 total hours per quarter.)
Not Repeatable.
Last in a series of seven Media instruction and evaluation in topics paralleling content taught in courses in the Respiratory Therapy Program. Students will take Practice Exams of the National Entry level and Registry examinations. Content will also include Advanced PFT and Basic Spirometry. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

RSPT 60C  PULMONARY DIAGNOSTICS  3 Units
Prerequisite: RSPT 51C.
2.5 hours lecture, 2 hours laboratory. (54 total hours per quarter.)
Not Repeatable.
Course covers selection, performance, and interpretation of tests used to diagnose cardiopulmonary abnormalities. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

RSPT 62  MANAGEMENT, RESUME & NATIONAL BOARD EXAMINATION  1 Unit

SOCIETY

SOC 1  INTRODUCTION TO SOCIOLOGY  5 Units
5 hours lecture. (60 total hours per quarter.)
Not Repeatable.
Introduction to the field of sociology: the scientific study of human society and the contemporary world, and the interaction of individuals and groups in society. Analysis of major theories, concepts, methods, social institutions, and social processes. Development of a sociological imagination and social context analysis. Society in its social class, racial and gendered dynamics.

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RSPT 70D  CLINICAL ROTATION IV  6 Units
Prerequisite: RSPT 70C.
30 hours laboratory. (360 total hours per quarter.)
Not Repeatable.
Continuation of RSPT 70C. Further clinical experience with ventilation and special procedures of surgical, medical, neonatal, and pediatric intensive care, offered as options for remediation. Assignment dependent upon demonstrated student needs. Mini-rotations offered to qualified students, depending on interest. This course is intended for students accepted and enrolled in the Respiratory Therapy Program.

RSPT 200L  INTRODUCTION TO RESPIRATORY THERAPY  1 Unit
Advisory: Students are not required to have been admitted to the Respiratory Therapy Program.
2 hours lecture-laboratory. (24 total hours per quarter.)
Not Repeatable.
Introduction to the career of respiratory therapy. Role of the respiratory therapist, areas of specialization in the field, educational requirements and future outlook. Clinical tasks and skills will also be introduced.

RSOC 001-01W  SOCIOLOGY ONLINE
SOC -001-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

RSOC 001-02W  SOCIOLOGY
SOC -001-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga/ for information on how to begin.

RSOC 001-03  SOCIOLOGY

RSOC 001-04  SOCIOLOGY
**SPRING QUARTER 2013 COURSES**

**Sociology of Crime**
- **Course Number**: SOC 14
- **Units**: 4
- **Type**: Lecture
- **Description**: Examines the social context of crime and deviance. Topics may include theories of crime and deviance; the criminal justice system; white collar, organized, and street crime; social class, race, ethnicity, sex, gender, and crime; and legal implications of crime and deviance. Socioeconomic and multicultural issues emphasized throughout the course. Sociological concepts of deviance and social control. Theories of structural conditions contributing to conformity and non-conformity will be explored.

**Major Social Problems**
- **Course Number**: SOC 20
- **Units**: 4
- **Type**: Lecture
- **Description**: An identification and analysis of contemporary social problems including (1) the role of power and ideology in the definition of social problems, (2) their causes and consequences, (3) evaluations of proposed solutions, and (4) methods of intervention. Topics will vary.

**Psychology of Women: Sex & Gender Differences**
- **Course Number**: SOC 21
- **Units**: 4
- **Type**: Lecture
- **Description**: Advisory: Not open to students with credit in PSYC 21 or WMN 21; Eligibility for ENGL 1A or ESL 26.

**Race & Ethnic Relations**
- **Course Number**: SOC 23
- **Units**: 4
- **Type**: Lecture
- **Description**: Focus on the meaning of race and ethnicity as it relates to intergroup relations in the USA. Inclusive analysis of concepts, theories, socio-legal effects of the Civil Rights Movement, public policy and its impact on diverse racial and ethnic populations in the USA. Historical and sociological assessment of majority-minority relations with emphasis on the perspectives of African-Americans, Hispanic/Latino-Americans, Asian-Americans and the indigenous Native American tribes. Demographic implications of race and ethnic relations on USA's economic, political and educational institutions. Relationship among race, ethnicity and poverty.

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SPECIAL PROJECTS IN SOCIAL SCIENCE

1 Unit

CROSS-CULTURAL PERSPECTIVES

SOC 30
SOCIAL PSYCHOLOGY

4 Units

Advisory: Not open to students with credit in PSYC 30; College-level reading and writing ability.

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Survey of human behavior in relation to the social environment. Focus on human interaction and the shaping of diverse and commonly-shared attitudes, beliefs and worldviews by society, culture and social groups. Emphasis on how individuals are influenced behaviorally, emotionally, and cognitively. Topics include but not limited to social cognition, aggression, interpersonal attraction, attitudes, social influence, prejudice and discrimination, gender, person perception, and cultural norms.

40221 SOC -030-.01Q LEC 12:00 PM-01:50 PM TTh LIN, ETA 3204

ASPECTS OF MARRIAGE & FAMILY

SOC 40

4 Units

4 hours lecture. (48 total hours per quarter.)

Not Repeatable.

Survey of empirical studies conducted by family sociologists from varied theoretical orientations. Focus on social influences affecting the American expressions of intimate life styles related to relationships, marriage and family systems. Exposure to the methods of social research.

40094 SOC -040-02W LEC TBA TBA LOGG, JACQUELYN NEONLINE

SOC 40

SOC 30

SOC 20

SOC 36

SOC 79

INTRODUCTION TO COMMUNITY SERVICE

1 Unit

3 hours laboratory. (36 total hours per quarter.)

May be taken three times for credit.

Introduction to theories and methods of effective volunteer participation in community service, including assessing community needs, role of the volunteer, relationship with public agencies.

Course Number| Title| Units| Activity| Time| Days| Instructor| Location
---|---|---|---|---|---|---|---
41537 SOC -022,-01 LEC 10:00 AM-11:50 AM MW BAUERMEISTER, MARK TBA

40239 SOSC-079-.01 LAB TBA TBA SMALL, DAPHNE TBA

SPANISH

Language Arts (650) 949-7131 www.foothill.edu/la/ (650) 949-7250

SPAN 1

ELEMENTARY SPANISH I

5 Units

Advisory: Student may enroll in SPAN 1 or SPAN 1T, but not both, for credit.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Development and practice of elementary speaking, listening, reading and writing skills in everyday language functions, with Spanish as the primary language of instruction.

Language laboratory practice to reinforce pronunciation, grammar and syntax. Study of basic geographical, historical and cultural aspects of Spanish-speaking world areas.

40477 SPAN-001-.01 LEC 07:35 AM-09:50 AM MW CRESPO-MARTIN, PATRICIA 6301

40478 SPAN-001-.02 LEC 10:00 AM-11:50 AM AMMW CRESPO-MARTIN, PATRICIA 6301

40483 SPAN-001-.03 LEC 12:00 PM-01:25 PM TTH CRESPO-MARTIN, PATRICIA 6301

41248 SPAN-001-.04 LEC 6:00 PM-08:15 PM TTH RIVERA-MONTANEZ, JULIO 6306

SPAN 2

ELEMENTARY SPANISH II

5 Units

Prerequisite: SPAN 1 or one year of high school Spanish.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Further development and practice of elementary speaking, listening, reading and writing skills in everyday language function, with Spanish as the primary language of instruction.

Language laboratory practice to reinforce pronunciation, grammar and syntax. Study of basic geographical, historical and cultural aspects of Spanish-speaking world areas.

40479 SPAN-002-.01 LEC 07:35 AM-09:50 AM TTH RIVERA-MONTANEZ, JULIO 6301

40481 SPAN-002-.02 LEC 01:30 PM-03:45 PM TTH RIVERA-MONTANEZ, JULIO 6301

41247 SPAN-002-.03 LEC 6:00 PM-08:15 PM MW CHAMORRO JR, ELIAS 6502

SPAN 3

ELEMENTARY SPANISH III

5 Units

Prerequisite: SPAN 2 or two years of high school Spanish.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Further development and practice of elementary speaking, listening, reading and writing skills in everyday language functions, with greater structural accuracy and communicative competence, and with Spanish as the primary language of instruction.

Language laboratory practice to reinforce pronunciation, grammar and syntax. Study of basic geographical, historical and cultural aspects of Spanish-speaking world areas.

40820 SPAN-003-.01 LEC 10:00 AM-11:50 AM AMMW RIVERA-MONTANEZ, JULIO 6301

40821 SPAN-003-.02 LEC 11:00 AM-12:50 AM F RIVERA-MONTANEZ, JULIO 6301

40480 SPAN-003-.02 LEC 6:00 PM-08:15 PM MW RIVERA-MONTANEZ, JULIO 6401

SPAN 4

INTERMEDIATE SPANISH I

5 Units

Prerequisite: SPAN 3 or three years of high school Spanish.

5 hours lecture. (60 total hours per quarter.)

Not Repeatable.

Introduction to the reading and discussion of texts dealing with the literature, arts, geography, history and culture of the Spanish-speaking world.

Review and further development of the grammatical structures of first-year Spanish with emphasis on building communicative competence and expanding vocabulary about familiar topics and idiomatic usage.

Emphasis on present indicative and subjunctive. Writing and reading assignments based upon topics discussed in class.

40508 SPAN-004-.01Q LEC 10:00 AM-11:50 AM TTh COFFIN, ELVIRA 6405

40509 SPAN-004-.01Q LEC 11:00 AM-12:50 AM F COFFIN, ELVIRA 6405

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Foothill College • Spring Quarter 2013

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<table>
<thead>
<tr>
<th>Course Number CRN</th>
<th>Title</th>
<th>Units</th>
<th>Activity</th>
<th>Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 5</td>
<td>INTERMEDIATE SPANISH II</td>
<td>5</td>
<td>LEC10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>40509</td>
<td>COFFIN, ELVIRA</td>
<td>6405</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LEC11:00 AM-11:50 AM</td>
<td>F</td>
<td>40509</td>
<td>COFFIN, ELVIRA</td>
<td>6405</td>
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<tr>
<td>SPAN 6</td>
<td>INTERMEDIATE SPANISH III</td>
<td>5</td>
<td>LEC10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>40510</td>
<td>COFFIN, ELVIRA</td>
<td>6405</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>LEC11:00 AM-11:50 AM</td>
<td>F</td>
<td>40510</td>
<td>COFFIN, ELVIRA</td>
<td>6405</td>
</tr>
<tr>
<td>SPAN 13A</td>
<td>INTERMEDIATE CONVERSATION I</td>
<td>4</td>
<td>LEC10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>40521</td>
<td>CRESPO-MARTIN, PATRICIA</td>
<td>6303</td>
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<tr>
<td>SPAN 13B</td>
<td>INTERMEDIATE CONVERSATION II</td>
<td>4</td>
<td>LEC10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>40522</td>
<td>CRESPO-MARTIN, PATRICIA</td>
<td>6303</td>
</tr>
<tr>
<td>SPAN 14A</td>
<td>ADVANCED CONVERSATION I</td>
<td>4</td>
<td>LEC10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>40523</td>
<td>CRESPO-MARTIN, PATRICIA</td>
<td>6303</td>
</tr>
<tr>
<td>SPAN 14B</td>
<td>ADVANCED CONVERSATION II</td>
<td>4</td>
<td>LEC10:00 AM-11:50 AM</td>
<td>TTh</td>
<td>40524</td>
<td>CRESPO-MARTIN, PATRICIA</td>
<td>6303</td>
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SPRING QUARTER 2013 COURSES

**Course Number** | **CRN** | **Title** | **Units** | **Time** | **Days** | **Instructor** | **Location**  
--- | --- | --- | --- | --- | --- | --- |  
SPED 57A | 41507 | TEACHING ADULT LEARNERS | 3 | LEC05:30 PM-07:20 PM Th | KNOPF, KARL | 3308 |  
SPED 61 | 41541 | INTRODUCTION TO DISABILITIES | 4 | LEC TBA | WONG, RUSSELL | ONLINE |  
SPED 62 | 41542 | PSYCHOLOGICAL ASPECTS OF DISABILITY | 4 | LEC TBA | WONG, RUSSELL | ONLINE |  
SPED 65 | 40694 | FUNDAMENTS OF ATTENTION DEFICIT DISORDERS | 4 | LEC05:30 PM-07:20 PM W | CASHMORE, BEATRIX | 3005 |  
SPED 74 | 41523 | PRINCIPLES OF THERAPEUTIC WATER EXERCISE | 3 | LEC05:30 PM-08:20 PM W | KNOPF, KARL | 3308 |  
SPED 80 | 40616 | INTRODUCTION TO COLLEGE & ACCOMMODATIONS | 1 | LEC07:00 PM-08:50 PM M | SMITH, LAURI | 1001 |  

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**Theatre Arts**

Fine Arts & Communication  
(650) 949-7262  

THTR 1 | THEATRE ARTS APPRECIATION | 4 | LEC10:00 AM-12:50 PM M | CAREY, MILISSA | 1001 |  
THTR-001.-01W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga for information on how to begin.  
THTR-001.-02W: Offered via Internet. After registering, you must refer to course descriptions at www.foothill.edu/fga for information on how to begin.  

THTR 20A | ACTING I | 4 | LEC07:00 PM-08:50 PM M | SMITH, LAURI | 1001 |  
THTR 20B | ACTING II | 4 | LEC07:00 PM-08:50 PM M | SMITH, LAURI | 1001 |  

THTR 20C | ACTING III | 4 | LEC07:00 PM-08:50 PM M | SMITH, LAURI | 1001 |  

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www.foothill.edu
ACTOR'S WORKSHOP

BASIC THEATRICAL MAKE-UP

INTERMEDIATE SCENERY & MOVEMENT PRACTICUM I

INTRODUCTION TO TECHNICAL THEATRE

MOVEMENT PRACTICUM II

3 Units

Foothill College • Spring Quarter 2013

THTR 20E ADVANCED ACTING V 4 Units
Formerly: DRAM 20E

Advisory: THTR 20A, 20B, 20C, and 20D or equivalent is highly recommended; not open to students with credit in DRAM 20E.

3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)

Not Repeatable.

This course specifically targets developing skills of the highly advanced actor addressing a variety of targeted challenges in stage portrayal of comedy, dramatic realism, improvisation and others. Featured study and practice will combine and assess past acting practices with contemporary trends with a focus towards refining and strengthening the individual artists preparation process for portrayal in theatrical productions.

THTR 21 INTRODUCTION TO TECHNICAL THEATRE 1 Unit

Advisory: Concurrent enrollment in THTR 21A; not open to students with credit in DRAM 21.

1 hour lecture. (12 total hours per quarter.)

Not Repeatable.

An introduction to the theory and techniques used in the production of scenery, properties, lighting, costumes and stage for film and television.

THTR 20E 40584 THTR-020E-02Q LEC 07:00 PM-09:50 PM M L-L 07:00 PM-09:50 PM W SMITH, LAURI 1001 L-L 07:00 PM-09:50 PM M SMITH, LAURI 1001

THTR 21A SCENERY & PROPERTY CONSTRUCTION 3 Units

Advisory: Not open to students with credit in DRAM 21A.

Corequisites: THTR 21.

6 hours lecture-laboratory. (72 total hours per quarter.)

Not Repeatable.

Practical experience in creating and using scenery and properties for department dramatic presentations. Safe use of basic hand and power tools used in the construction of scenery and properties for the stage.

THTR 21B INTERMEDIATE SCENERY & PROPERTY CONSTRUCTION 3 Units

Prerequisite: THTR 21A.

Advisory: Not open to students with credit in DRAM 21B.

6 hours lecture-laboratory. (72 total hours per quarter.)

Not Repeatable.

Continuation of THTR 21A. Practical experience in creating and using scenery and properties for department dramatic presentations. Safe use of basic hand and power tools used in the construction of scenery and properties for the stage.

THTR 21C ADVANCED SCENERY & PROPERTIES CONSTRUCTION 3 Units

Prerequisite: THTR 21B.

Advisory: Not open to students with credit in DRAM 21C.

6 hours lecture-laboratory. (72 total hours per quarter.)

May be taken four times for credit.

Continuation of THTR 21B. Practical experience in creating and using scenery and properties for department dramatic presentations. Safe use of tools, materials, rigging and construction techniques used in the construction of scenery and properties for the stage.

THTR 20E 40584 THTR-020E-02Q LEC 07:00 PM-09:50 PM M L-L 07:00 PM-09:50 PM W SMITH, LAURI 1001 L-L 07:00 PM-09:50 PM M SMITH, LAURI 1001

THTR 21A 40586 THTR-021A-01 L-L 01:00 PM-03:15 PM TTh MC LEOD, BRUCE 8002

THTR 21B 40587 THTR-021B-01 L-L 01:00 PM-03:15 PM TTh MC LEOD, BRUCE 8002

THTR 21C 40589 THTR-021C-01 L-L 01:00 PM-03:15 PM TTh MC LEOD, BRUCE 8002

THTR 20E ADVANCED ACTING V 4 Units

Formerly: DRAM 20E

Advisory: THTR 20A, 20B, 20C, and 20D or equivalent is highly recommended; not open to students with credit in DRAM 20E.

3 hours lecture, 2 hours lecture-laboratory. (60 total hours per quarter.)

Not Repeatable.

This course specifically targets developing skills of the highly advanced actor addressing a variety of targeted challenges in stage portrayal of comedy, dramatic realism, improvisation and others. Featured study and practice will combine and assess past acting practices with contemporary trends with a focus towards refining and strengthening the individual artists preparation process for portrayal in theatrical productions.

THTR 33 ACTOR'S WORKSHOP 3 Units

Formerly: THTR 54

Prerequisite: THTR 20C or 43C.

2 hours lecture, 2 hours lecture-laboratory. (48 total hours per quarter.)

May be taken six times for credit.

Further development of concepts introduced in THTR 20A, 20B and 20C through incorporating extensive participation in the performance of selected scenes from plays of various types and periods or advanced improvisational techniques.

THTR 38A MOVEMENT PRACTICUM I 2 Units

Formerly: THTR 38

Corequisite: Completion of or concurrent enrollment in THTR 31.

Advisory: Instructor approval based on audition/interview; not open to students with credit in THTR 38.

1.5 hours lecture, 1.5 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

Advanced intensive investigation of the following areas of stage movement for the actor: Body awareness, flexibility, alignment, balance, muscle isolation and coordination; stress reduction and relaxation on stage; breath control; recognition of theories of movement; dance for the actor; physical safety. The application of these skills to the performance of dramatic literature from a wide range of ethnic, social and historical sources.

THTR 38B MOVEMENT PRACTICUM II 2 Units

Prerequisite: THTR 38A.

Advisory: Instructor approval through audition/interview.

Corequisite: Completion of or concurrent enrollment in THTR 81.

1.5 hours lecture, 1.5 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

Advanced intensive investigation of the following areas of stage movement for the actor: Body awareness, flexibility, alignment, balance, muscle isolation and coordination; stress reduction and relaxation on stage; breath control; recognition of theories of movement. Additionally this course will in-depthly investigate through practical means at least two of the following theories and aspects of movement utilization of chi energy systems; Laban identification and practice theories; historical styles of movement and dance. The application of these skills to the performance of dramatic literature from a wide range of ethnic, social and historical sources.

THTR 40A BASIC THEATRICAL MAKE-UP 4 Units

Advisory: Concurrent enrollment in THTR 81; instructor approval based on audition/interview; not open to students with credit in DRAM 40A.

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www.foothill.edu/fga/ for information on how to begin.

THTR-021A-01 L-L 01:00 PM-03:15 PM T Th GOUGH, THOMAS 8002

THTR-021B-01 L-L 01:00 PM-03:15 PM TTh MC LEOD, BRUCE 8002

THTR-021C-01 L-L 01:00 PM-03:15 PM TTh MC LEOD, BRUCE 8002

THTR 31L THEATRE PRODUCTION MANAGEMENT LABORATORY 2 Units

Formerly: THTR 71

Advisory: Application and permission of instructor required.

6 hours laboratory. (72 total hours per quarter.)

May be taken three times for credit.

Practical experience working in a management position for a theatrical production. Practice in theatre production management procedures related to the rehearsal and performance process. Practice in production administration through participation in the planning and managing of a theatrical production.

THTR 33 ACTOR'S WORKSHOP 3 Units

Formerly: THTR 54

Prerequisite: THTR 20C or 43C.

2 hours lecture, 2 hours lecture-laboratory. (48 total hours per quarter.)

May be taken six times for credit.

Further development of concepts introduced in THTR 20A, 20B and 20C through incorporating extensive participation in the performance of selected scenes from plays of various types and periods or advanced improvisational techniques.

THTR 38A MOVEMENT PRACTICUM I 2 Units

Formerly: THTR 38

Corequisite: Completion of or concurrent enrollment in THTR 31.

Advisory: Instructor approval based on audition/interview; not open to students with credit in THTR 38.

1.5 hours lecture, 1.5 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

Advanced intensive investigation of the following areas of stage movement for the actor: Body awareness, flexibility, alignment, balance, muscle isolation and coordination; stress reduction and relaxation on stage; breath control; recognition of theories of movement; dance for the actor; physical safety. The application of these skills to the performance of dramatic literature from a wide range of ethnic, social and historical sources.

THTR 38B MOVEMENT PRACTICUM II 2 Units

Prerequisite: THTR 38A.

Advisory: Instructor approval through audition/interview.

Corequisite: Completion of or concurrent enrollment in THTR 81.

1.5 hours lecture, 1.5 hours laboratory. (36 total hours per quarter.)

Not Repeatable.

Advanced intensive investigation of the following areas of stage movement for the actor: Body awareness, flexibility, alignment, balance, muscle isolation and coordination; stress reduction and relaxation on stage; breath control; characterization through movement. Additionally this course will in-depthly investigate through practical means at least two of the following theories and aspects of movement utilization of chi energy systems; Laban identification and practice theories; historical styles of movement and dance. The application of these skills to the performance of dramatic literature from a wide range of ethnic, social and historical sources.

THTR 40A BASIC THEATRICAL MAKE-UP 4 Units

Advisory: Concurrent enrollment in THTR 81; instructor approval based on audition/interview; not open to students with credit in DRAM 40A.

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LEADERSHIP & ORGANIZATION

REHEARSAL & PERFORMANCE

PRODUCTION PROJECTS IN THEATRE

FOUNDATIONS IN COMIC STYLES

4 Units

6 Units

2 Units

2 Units

4 Units

Advisory: Instructor approval based on audition/ interview. Corequisite: Concurrent enrollment in or completion of THTR 81. 1.5 hours lecture, 1.5 hours laboratory. (36 total hours per quarter.) May be taken six times for credit.

A one-quarter, intensive investigation of one or more of the following areas of voice study for the actor: principles of vocal production; breathing techniques; vocal work adapted to a variety of performance settings; employment of International Phonetic Alphabet; dialects; voice-over, on-camera and other voice-amplified experiences; singing techniques for the actor. The application of these skills to the performance of dramatic literature from a wide range of ethnic, social and historical sources.

THTR 49G

REHEARSAL & PERFORMANCE

2 Units

Advisory: Not open to students with credit in DRAM 49G. 6 hours lecture-laboratory, 9 hours laboratory. (180 total hours per quarter.) May be taken six times for credit.

Supervised participation in scheduled productions of the Drama Department, in cast or crew. Enrollment in each course is for the duration of the production. Enrollment is limited to six times within the THTR 49 group.

THTR 49Y

REHEARSAL & PERFORMANCE

6 Units

Advisory: Instructor approval based on audition/interview. Formerly : THTR 49A

1.5 hours lecture, 1.5 hours laboratory. (36 total hours per quarter.) May be taken three times for credit.

Developing effective marketing strategies for a career in theatre. The actor’s process in preparation for theatrical auditions, selection of appropriate audition performance pieces, the presentation of self in various audition settings, and the development of industry standard self-promotion materials. Performance will include at least two prepared monologues, and multiple cold reading and prepared sides with a focus on stage auditions.

THTR 81

CONTEMPORARY ISSUES IN PERFORMANCE SEMINAR

1 Unit

Advisory: Instructor approval based on audition/interview.

A seminar in directed readings, discussions, performance analysis and projects encompassing contemporary performance trends and the business of the entertainment industry. Specific topics to be determined by the instructor.

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VETERINARY TECHNOLOGY

Biological & Health Sciences (650) 949-7538 www.foothill.edu/bio/programs/vettech/

There is a selective admission process required prior to enrolling in these courses. For an application, access www.foothill.edu/bio/programs/vettech. Selective admission process does not apply to the Veterinary Assistant Certificate courses (VT 52A, 52B, 88A, 88B).

V T 50 CURRENT TOPICS IN VETERINARY TECHNOLOGY .5 Units
Prerequisites: Admission to the Veterinary Technology Program. Advisory: Pass/No Pass. 1 hour lecture-laboratory. (12 total hours per quarter.)
May be taken six times for credit.
A series of three-hour lectures, lecture-demonstrations, multimedia presentations, live demonstrations, or hands-on workshops presented once monthly (three times per quarter) by the instructor, professionals in veterinary medicine, veterinary technology, or the animal health-related fields. A variety of content is presented in order to provide current topical and practical information in the animal care field. Guest presenters will include veterinarians, specialists, veterinary technicians, animal handlers, administrative professionals and educators. All veterinary technology students are required to enroll each quarter, but the seminar may be taken by any student for personal interest. Unregistered veterinary assistants, and other members of the veterinary paraprofessional staff may also enroll.

41249 V T -050-.01 L-050:00 PM-08:40 PM T GREGORY, SANDRA 1501
41250 V T -050-.02 L-050:00 PM-08:40 PM T GREGORY, SANDRA 1501

V T -050-.01: First class meeting is 4/16. Class meets once each month on Tuesday-4/16, 5/14, 6/11. Not open to Non-VT Program students.

41250 V T -050-.02 L-050:00 PM-08:40 PM T GREGORY, SANDRA 1501

V T -050-.02: Do not enroll without permission from Instructor. Not open to Non-VT Program students.

V T 51 INTRODUCTION TO VETERINARY TECHNOLOGY 1.5 Units
1 hour lecture, 2 hours lecture-laboratory. (36 total hours per quarter.)
Not Repeatable.
A prerequisite for admission to the Veterinary Technology Program. Orientation to the program requirements and curriculum. Survey of the role of the veterinary assistant and registered veterinary technician in the workplace. Survey of employment opportunities and areas of specialization. Ethics and professionalism. Laws and regulations governing veterinary technicians. Introduction to basic animal care skills and clinical procedures.

40214 V T -051-.01 L-050:00 PM-09:50 AM M DEPAOLO, KATHLEEN 8507
L-050:00 PM-09:50 AM M DEPAOLO, KATHLEEN 8507

V T 53C INTRODUCTION TO LARGE ANIMAL CARE 1 Unit
Prerequisite: Admission to the Veterinary Technology Program. 2 hours lecture-laboratory. (24 total hours per quarter.)
Not Repeatable.
Introduction to principles of husbandry and veterinary nursing care of common domestic large animal species. Breed identification; housing and restraint; physical examination; administration of medication and therapeutics; nutrition and feeding; common diseases; common large animal clinical procedures.

40852 V T -053C-01 L-080:00 AM-09:50 AM M BELLAMY, PHILIP 8507
V T-053C-01: Requires admission to VT Program.

V T 54B COMPARATIVE VETERINARY ANATOMY & PHYSIOLOGY FOR THE VETERINARY TECHNICIAN 5 Units
Prerequisites: V T 54A; V T 51 or equivalent.
Advisory: ENGL 1A, ESSL 26 or equivalent; CHEM 30A or equivalent. 4 hours lecture, 1 hour lecture-laboratory, 2 hours laboratory. (84 total hours per quarter.)
Not Repeatable.
Comparative anatomy and physiology for veterinary technicians. This course covers the clinically relevant anatomy and physiology of the major domestic animals and includes a discussion of the similarities and differences among the species. Emphasis is placed on the normal structure and function of the major organ systems as the foundation for understanding pathology and pathophysiology of disease. This course is intended for students enrolled in the Veterinary Technology Program.

40225 V T -054B-01 LEC01:00 AM-10:50 AM M MADDOUGALL, MAUREEN8507
L-01:00 PM-01:50 PM W MADDOUGALL, MAUREEN8507
LAB02:00 PM-03:50 PM M MADDOUGALL, MAUREEN8507
LAB02:00 PM-03:50 PM W MADDOUGALL, MAUREEN8507

40226 V T -054B-02 LEC10:00 AM-11:50 AM MW MADDOUGALL, MAUREEN8507
L-01:00 PM-01:50 PM W MADDOUGALL, MAUREEN8507
LAB02:00 PM-03:50 PM M MADDOUGALL, MAUREEN8507
LAB02:00 PM-03:50 PM W MADDOUGALL, MAUREEN8507

V T 72 PRINCIPLES OF VETERINARY DENTISTRY 2 Units
Prerequisite: Admission to the Veterinary Technology Program. 1 hour lecture, 2 hours lecture-laboratory. (36 total hours per quarter.)
Not Repeatable.
Basic principles of veterinary dentistry for the veterinary technology student. Includes dental anatomy, physiology, pathophysiology, charting and instrumentation. Techniques of routine dental prophylaxis and dental assisting. Discussion of periodontal disease, modes of therapy and prevention. Introduction to common dental disorders, endodontic technique, simple extractions, and dental radiography. Course includes hands-on laboratory sessions using veterinary dental equipment, models, and live animal patients. Care and use of common instruments and equipment.

40215 V T -072-.01 L-040:00 PM-05:50 PM Th GREGORY, SANDRA 8507
LEC01:00 AM-10:50 AM M TERRY, KATHARINE 8607
LEC01:00 AM-10:50 AM M TERRY, KATHARINE 8607

40267 V T -072-.02 L-110:00 AM-12:50 PM T GREGORY, SANDRA 8507
LEC10:00 AM-10:50 AM Th TERRY, KATHARINE 8607
LEC10:00 AM-10:50 AM Th TERRY, KATHARINE 8607
<table>
<thead>
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<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>V T 75C</td>
<td>ANIMAL CARE SKILLS III</td>
<td>1 Unit</td>
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<tr>
<td>V T 85</td>
<td>VETERINARY EMERGENCY &amp; CRITICAL CARE</td>
<td>4 Units</td>
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<td>V T 86</td>
<td>LABORATORY ANIMAL TECHNOLOGY</td>
<td>4 Units</td>
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<tr>
<td>V T 87C</td>
<td>ADVANCED ANIMAL CARE SKILLS III</td>
<td>1 Unit</td>
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<tr>
<td>V T 89</td>
<td>CLINICAL INTERNSHIP I</td>
<td>3 Units</td>
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<tr>
<td>V T 93</td>
<td>CLINICAL INTERNSHIP IV</td>
<td>4 Units</td>
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<tr>
<td>V T 95</td>
<td>VETERINARY TECHNICIAN PROFICIENCY</td>
<td>2 Units</td>
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<tr>
<td>V T 95L</td>
<td>VETERINARY TECHNICIAN PROFICIENCY LABORATORY</td>
<td>1 Unit</td>
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<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>CRN</th>
<th>Credit Hours</th>
<th>Time</th>
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<th>Instructor</th>
<th>Location</th>
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<tr>
<td>40224 V T -095L-01</td>
<td>LAB 08:00 AM-10:50 AM</td>
<td>8507</td>
<td>4</td>
<td>LAB</td>
<td>TBA</td>
<td>GREGORY, SANDRA</td>
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</tbody>
</table>

**VIDEO ARTS**

**Fine Arts & Communication** (650) 949-7262 www.foothill.edu/fa/

**VART 1** Introduction to Film Studies 4 Units
Advisory: Not open to students with credit in F TV 1.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.
A survey of the language, technology, theory and aesthetics of the moving image as an art form. The course emphasizes an introduction to the critical analysis of the film and video. Includes weekly readings, film viewing, and discussion.

**VART 2A** History of Film 1895-1945 4 Units
Advisory: Not open to students with credit in F TV 2A.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.
Survey of the development of motion pictures from beginning to the 1930s. Emphasis on understanding evolution of international filmmaking.

**VART 2B** History of Film 1945-Current 4 Units
Advisory: Not open to students with credit in F TV 2B.
4 hours lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.
Critical analysis of film as an art form with emphasis on film evolution from the 1930s to the present.

**VART 2C** Current Trends in Film, TV & the Internet 4 Units
Advisory: Not open to students with credit in F TV 2C.
4 hour lecture, 1 hour laboratory. (60 total hours per quarter.)
Not Repeatable.

**VART 3** American Cinema 4 Units

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## Women’s Studies

### WMN 5  
**INTRODUCTION TO WOMEN’S STUDIES**  
4 Units  
Advisory: Eligibility for ENGL 1A or ESLL 26.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.  

Examination and development of the goals, major documents, history, achievements, and evolution of the current women’s movement in light of the impact and contributions of women, in comparison to those of men, of various cultural and ethnic heritage. Includes appraisal of the effects of multiculturalism and the women’s movement on politics, jobs, education, science, family structure, and the arts.

- **CRN**: 40956  
- **Activity**: LEC  
- **Time**: TBA  
- **Days**: TBA  
- **Instructor**: STANDISH, RACHEL  
- **Location**: ONLINE

### WMN 21  
**PSYCHOLOGY OF WOMEN: SEX & GENDER DIFFERENCES**  
4 Units  
Advisory: Not open to students with credit in PSYC 21 or SOC 21; eligibility for ENGL 1A or ESLL 26.  
4 hours lecture. (48 total hours per quarter.)  
Not Repeatable.  

Survey of gender issues based upon psychological and sociological theories and research. Examination of sex differences and sex role stereotyping in a global, multi-cultural approach. Appraisal of effects of biology, culture, and society in creating sex and gender differences. Consideration of major theories of gender development. Focus on biology, socialization, mass media, communication, personality, abilities, work, family, sex, and violence.

- **CRN**: 40944  
- **Activity**: LEC  
- **Time**: 01:00 PM-02:50 PM  
- **Days**: MW  
- **Instructor**: PLATTS, GEORGIA  
- **Location**: 3203